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ROYAL
PALM
NURSERIES



Scene in Our Grounds Near the Office.

1883 ANNUAL CATALOG 1911 ROYAL PALM NURSERIES

FOR NINETEEN HUNDRED AND ELEVEN

TO OUR CUSTOMERS

THE PRESENT YEAR is marked by great interest in Tropical Horticulture, and in trucking and Citrus Culture in Florida in particular, due to tremendous advertising by large land companies. There are many new-comers to our State and to the tropics from temperate regions, and we extend a welcome to all such who expect to build up a home and business with us. Our stock is in admirable condition, perhaps better, and certainly in larger supply, than ever before, and we hope to interest every one needing plants or trees in our lines. Insects and fungus diseases are of course with us, as with every grower, but with improved fighting ability and knowledge, are kept down to a minimum.

Some changes in nomenclature will be noticed; we have reverted in several instances to the more generally used "horticultural" names to avoid confusion, but we consider they are in the main accurate. After this year we hope to make no more wholesale changes.

We herewith present our thanks and appreciation to all customers and correspondents of the past year and hope to be kept in remembrance by them all.

REASONER BROTHERS

ONECÒ, FLORIDA, SEPTEMBER, 1910

The subject for our cover design this year is the *Grevillea robusta* or Australian Silk Oak.
For description and prices see Department XV.

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Directions to Customers.

Justice to our customers as well as to ourselves requires that we should ask careful attention to the following notes. Their appreciation will remove any occasion for misunderstandings, and aid in maintaining the pleasant relations with customers so much to be desired by all business men.

1. It has been repeatedly proved by cultivators in the State above Florida—both amateurs and commercial florists—that our naturally-grown plants (those produced without fire heat) are absolutely more vigorous, better rooted and healthier than those grown under artificial conditions from their start; hence are more likely to succeed under greenhouse culture or in the living room than weaker stock from hothouses.

2. Our location here in South Florida, where we have excellent choice of soils, is admirably placed as to climate, also in having quick rail and water transportation to all parts of the world.

3. Our annual catalog is prepared in the autumn and is ready for distribution in October or November; at this time it is sent to customers in the tropics, Florida, California and the lower South West. To more Northern customers it is sent in January. We are always willing to send extra copies when requested. If the recipient is not interested in our line we shall esteem it a favor if he will hand this catalog to an interested party.

4. Orders are promptly filled; we pack daily (except Sunday) all the year around and strive to keep orders cleared up closely. The majority are filled the day of their receipt.

5. Should there be any dissatisfaction over plants or any other matter, kindly write us fully, immediately on receipt of goods, that everything may be fully rectified.

6. Seeds, Dutch bulbs, Geraniums, and some soft wooded plants commonly grown as house plants in cold climates are not grown or sold by us. Do not order such stock, or in fact anything not listed herewith.

7. While we exercise the greatest care to have our plants true to label, and hold ourselves prepared, on proper proof, to replace any that may prove otherwise, we do not give a warranty, expressed or implied, and, in case of error on our part, it is mutually agreed between the purchaser and ourselves that we shall not at any time be held responsible for a greater amount than was paid for them.

8. As to packing: We have perfected our system of packing so that we ship in safety to all parts of the world. Parcel Post and domestic mail packages being sent everywhere daily, and large shipments by express and freight likewise. We use specially thin material for shipment by express. We use our best judgment when forwarding stock, whether by express or freight, working for the best interest of each customer as to safety of delivery and least cost. We make no charge for proper packing, or pruning if desired.

9. After delivering goods to the carrier, we cannot hold ourselves responsible for any loss or injury to trees or plants which have been carefully packed and shipped; but we shall do everything in our power, if any loss should occur, for the protection and recovery of our customers' property. If any mistakes are made in filling orders, we shall carefully rectify the same, but must respectfully request a prompt notification on receipt of goods.

10. **Plants by Parcel Post and domestic mail:** (a.) We send small and medium sized plants by this method to all parts of the United States, Cuba, Porto Rico, Hawaii, the Canal Zone and the Philippines, **at catalog prices postpaid.**

(b.) To Canada, Mexico, Central America, South America, West Indies, and other countries which have a standard parcel post service, at 10 per cent (one-tenth) in addition to catalog rates.

(c.) We do not care to fill orders by mail under a total value of 50 cents. Please do not ask us to send one small plant alone, unless you add 10 cents extra.

11. Terms, cash with order. Remit in any safe way. Postoffice money order on Oneco, Bank draft, express order, or currency by registered letter. Foreigners may remit by International Postoffice orders on Bradentown, Florida, or by Bank exchange.

12. Applying prices. Not less than six of a sort will be sold at the dozen rate, nor 40 at the 100, nor 400 at the one thousand.

13. In ordering, please state whether substitution will be permitted, as we feel at liberty, when no instructions accompany the order, to replace with other sorts as nearly similar as possible. Those not acquainted with the different varieties will do well to leave the selection to us, as we shall send them only such as we know to be adapted to their locality. A list of second choice, accompanying each order, would be appreciated by us.

14. **Special discounts on stock by express or freight.** Orders amounting to \$2.25 at list prices will be filled for \$2.00; \$3.00 for \$2.60; \$4.00 for \$3.30; \$5.00 for \$4.00. And all above this in proportion of 20 per cent. discount (or one-fifth) off list prices. No discounts on goods by mail.

15. We always send receipt for money; so if one remits us and fails to get a receipt in a reasonable time, he should look up original order, ascertaining if it had been properly posted; if the letter had been sent us, then write stating necessary details. We get orders frequently with no name attached.

16. This present catalog abrogates all previous terms, conditions and prices. Dealers, or others desiring to buy in quantity, will be given special prices for large lots, on application.

17. **To those getting up club orders,** we make special terms; after allowing such discounts to each party as our Rule 14 enumerates, the club raiser may select extra plants to the value of 10 per cent. of the gross total amount. For instance, if Mrs. A. sends us net orders for Mrs. B.

of \$2; for Mrs. C. of \$3; for Mrs. D. of \$1; for Miss E. of \$5; for Miss F. of \$3—a total of \$14—she is entitled to \$1.40 worth of plants, and it is usual for the club raiser's collection to be sent free, the other parties paying express pro rata. All orders packed separately and shipped in one case.

18. When to order. Please read over our remarks on this subject under the *heading of each department of this catalog.* The directions are plain in each case.

Collections of Plants.

See end of each department in this Catalog for bargain lists. We make up valuable collections of choice plants at a very low price, and have given satisfaction and pleasure to hundreds of customers. If you don't know just what you want, let us select for you. We know what will thrive with you, and can choose from good-sized plants, which are bound to more than please you. Try them.

Treatment of Plants on Arrival.

The plants should be removed from the package as soon as possible after they reach their destination. Should they be in the least wilted, they should be placed in lukewarm water, with the packing moss still about the roots, and in half an hour they will be ready to pot. This treatment will increase vitality and vigor, whether they be wilted or not. Large trees and shrubs from open ground may be simply "heeled-in" on the shady side of a building, the roots well watered, and if not set permanently for a week afterward, they will be all the better for it.

Setting. It is, of course, understood that the soil has been put in proper condition by digging, manuring, etc., and plants and trees can be set in their proper spaces at once. If plants are from pots, let them be set considerably deeper than before! If soil is still around the roots set without disturbing or removing it. Don't try to straighten out the roots of pot-grown plants! Plants or trees from open ground should be pruned, if necessary, and roots looked over and broken ends trimmed smooth. After setting, draw soil around and firm down thoroughly by tramping with the feet. Then water well, after which rake fresh soil about, shade if necessary, and mulch with straw or like material. The plant may not be stocky, so if it needs a stake do not forget to tie it thoroughly to the support given. When it is necessary to water plants outdoors, give them enough to soak down to moist soil; every few days should be often enough.

Potting. At first, while plants are small, use pots one size larger than they were last removed from. As they increase in size, they should be repotted when it is found that the pots are full of roots. In using small pots, it is only necessary to use a small piece of broken pot over the hole in the bottom, but when the size runs up to 7 or 8 inches, several pieces of pots, some pebbles or pieces of charcoal should be put in, that it may have ample drainage. Fill the pots with earth and plant, leaving about half an inch space to hold the water; water thoroughly, and place the plants in a sheltered position, where they will not be exposed to wind or sun, until they show signs of recuperation.

Watering. This is one of the most important points in the successful cultivation of all plants. During the growing season they should have enough water to keep the soil moist to the bottom of the pot, but should not be kept in a soggy state; plenty may be applied to the foliage at all times. During the winter the soil should be kept drier, and in some cases nearly or quite dry. A plant will generally show when it needs water and more are killed by overwatering than through lack of it.

Express Rates to Leading Points.

In the State of Florida the Express rates have been generally reduced, and plants are sent at graduated package rates. For other States the following condensed table will give an idea of the cost of delivering plants. The rates are 20 per cent less than usual merchandise rates, and are applicable to any number of pounds at the 100 lb. rate; hence where the given rate is \$5.00 per 100 lbs. the expense for 20 lbs. would be \$1.00. Remember we make a specialty of packing as light as possible with safety, so you need not fear any heavier material or weight than is needful.

Mobile, Ala.	\$3.00
Birmingham, Ala.	2.75
Little Rock, Ark.	4.50
Los Angeles, Cal., <i>if prepaid</i>	8.00
San Francisco, Cal., <i>if prepaid</i>	8.00
Denver, Col.	7.50
Bridgeport, Conn.	4.25
Macon, Ga.	2.25
Chicago, Ill.	4.40
Wichita, Kas.	6.00
Louisville, Ky.	3.75
Shreveport, La.	4.25
Augusta, Me.	5.00
Baltimore, Md.	3.50
Boston, Mass.	4.40
St. Paul, Minn.	5.75
Gulfport, Miss.	3.00
St. Louis, Mo.	4.00
Great Falls, Mont., <i>if prepaid</i>	8.00

Kansas City, Mo.	\$4.75
Lincoln, Neb.	5.95
New York, N. Y.	4.40
Raleigh, N. C.	3.00
Bismarck, N. D., <i>if prepaid</i>	8.00
Cleveland, Ohio.	4.25
Cincinnati, Ohio.	4.00
Oklahoma City, Okla.	5.60
Salem, Ore., <i>if prepaid</i>	8.00
Philadelphia, Pa.	3.75
Charleston, S. C.	2.25
Memphis, Tenn.	3.50
El Paso, Texas.	6.50
Houston, Texas.	4.45
Salt Lake City, Utah, <i>if prepaid</i>	8.00
Montpelier, Vt.	5.15
Richmond, Va.	3.25
Seattle, Wash. <i>if prepaid</i>	8.00
Milwaukee, Wis.	4.75

Shipments by freight if of considerable weight are often advisable, especially in warm weather. We shall always look after our customers' best interests in forwarding stock, and advise in this matter when necessary. Freight rates are much cheaper than express rates, when the weight is considerable.

I. Tropical Fruit Plants and Trees.

In this department will be found only strictly tropical subjects, none of which can bear much frost, but many recuperate quickly from the roots should tops be frosted, throwing up strong shoots which bear again after a reasonable time. In this class, of special value to Florida, are guavas, *Dovyalis Gardneri*, Surinam Cherry, pineapples, bananas, avocados, sugar-apple, rose-apple, and others, all of which should be grown above the "frost line" even for occasional crops.

Explanation of starring.—* Suitable for conservatories, or plant sheds. ** Suitable for warmest portions of Florida, tropical regions, or large conservatories. *** Suitable for South Florida generally, with or without protection, according to locality.

All, except pineapples and bananas, are **pot-grown**, enabling one to transplant stock any time of year, and always in safety.



A large seedling mango tree in our acre shed, worked over to Cam-bodiana, by inarching. This working over of old trees may also be done by patch budding. Every lover of mangos who lives in a frosty location in Florida may enjoy home-grown fruit by making a simple framework (posts and light scantling) around one or more trees either in the open, or against a building, and covering with any cheap cloth during winter months.

Fire heat may be provided by oil stoves or small open fires, etc. It requires but a VERY small fire to keep out frost when the framework is covered with cloth snugly.

ANACARDIUM occi-dentale. * * **Cashew Apple, or Cashew Nut.** Juicy, sub-acid fruits, red, white or yellow, bearing seeds on outside of the fruit. Seeds edible when roasted, and also used for flavoring wine, chocolate, etc. 1 yr. 25c, \$2.50 per doz.; 2 yr. 35c, \$3.50 per doz.

ANANAS sativus. * and * * **The Pineapple.** Those desiring large quantities of either slips or suckers should write us, stating number re-quired, and get a net estimate. Rooted plants in stock as follows:

Abachi. 10c, \$1.00 per doz., \$6.00 per 100.

Charlotte Rothschild. 20c, \$2.00 per doz.

Fernambuco. 20c, \$2.00 per doz.

Porto Rico. 15c, \$1.50 per doz., \$10.00 per 100.

Queen. 10c, \$1.00 per doz., \$6.00 per 100.

Red Spanish. 10c, 85c per doz., \$5.00 per 100.

Smooth Cayenne. The only sort without spines on the leaves. A very valuable sort. 10c, \$1.00 per doz., \$6.00 per 100. Extra large, 15c, \$1.50 per doz.

Sugar Leaf. 10c, \$1.00 per doz., \$6.00 per 100.

ANONA cherimolia. * * **The cherimoya, or "Jamaica Apple."** Small trees, 35c.

A. muricata. * * **Sour Sop.** Large, prickly, juicy fruit, used in making sherbet. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz. Extra large, 50c.

A. reticulata. * * **Custard Apple or Bul-lock's heart.** (In Calif. all, or nearly all the so-called cherimoyas are in reality this species). Large, rough fruit, sub-acid; bears two crops yearly. 1 yr. 20c, \$2.00 per doz.; 2 yr. 35c, \$3.50 per doz.; 3 yr. 50c.

A. Sp. Costa Rica. * * Said to bear large and sweet fruits. 35c.

ANTIDESMA bunius. * * **Quick-growing, small tree, bearing sub-acid fruit of small size, used chiefly for preserv-ing.** 1 yr. 25c; 2 yr. 50c.

BERTHOLLETTIA ex-celsa. * * **The Brazil Nut Tree,** bearing the well-known commercial nut so much liked. Small trees 50c, \$5.00 per doz.

CALOCARPUM mam-mosum. * * (Lucuma

mammosa). **Mammee Sapota.** Very large fruits, rich and sweet. Tree tall and vigorous. 1 yr. 40c, \$4.00 per doz.; 3 yr. 75c.

C. species from South Cuba. * * Undescribed. 3 yr. 50c, \$5.00 per doz.

CARICA Papaya. * and * * Papaw, or Melon Fruit. A fine decorative plant, with large palmate leaves. Being dioecious, one should set several specimens to be sure of getting fruit. Seedlings of the finest fruit only are offered. 20c, \$2.00 per doz.

CÆISSA acuminata. * and * * Spiny shrub, red fruit, sub-acid in flavor. 50c.

C. Arduina. * and * * Amatumgula, of Natal. Fruit is well liked, and handsome in appearance; about 1½ inches long, scarlet. 25c, \$2.50 per doz.

CASIMIROA edulis. * * White Sapota, of Mexico. Fruit tastes like a peach. Tree large and handsome. 2 yr. 35c, \$3.50 per doz.

CECROPIA palmata. * * Shakewood tree. Handsome palmate foliage, silvery on under side. Fruit curiously like fingers, soft, similar to a fig, minute seeds; sweet. Dioecious. 2 yr. 25c, \$2.50 per doz.; 3 yr., large, 35c and 50c.

CHRYSOPHYLLUM Cainito. * * Star Apple. Good-sized tree; fruits 2½ to 3 inches in diameter.

Mixed seedlings, 3 yr. 25c, \$2.50 per doz. **White** and **Brown** fruited, 3 yr. 35c, \$3.50 per doz.

CICCA disticha. * * Otaheite Gooseberry. Tree with magnificent compound leaves; fruit small, white and very acid. 2 yr. 35c.

COCCOLOBA uvifera. * * The Sea-Grape, native to the shores of West India islands and South Florida. The fruit makes most delicious jelly. Small trees, 25c.

CUPANIA sapida. * * (Blighia). Akee tree. Bears red fruits, used only when cooked. Small, 50c.

DOYALIS caffra. * * * (Aberia caffra.) Kai-Apple. A large thorny shrub. The acid fruits are used for preserving and are very much liked, especially for making marmalade. This is a heavy bearer; may be grown as a hedge; stands some frost. 2 yr. 20c, \$2.00 per doz.; 3 yr. 35c, \$3.50 per doz. Larger at 50c.

D. Gardneri. * * * If frosted down, comes up and bears same year. Fruit tastes like the cranberry; very prolific. 1 yr. 25c, 2 yr. 50c.

EUGENIA uniflora * and * * (Formerly listed as *E. Micheli*.) Surinam Cherry. A large shrub; fruit small, bright red and agreeably acid; used fresh and for making jelly. Under high culture bears two enormous

crops yearly. 2 yr. 15c, \$1.50 per doz.; 3 yr. 25c, \$2.50 per doz. Larger 35c, \$3.50 per doz.

Black Fruited Surinam Cherry. Similar to preceding except in color of the fruit. 1 yr. 25c, \$2.50 per doz.

E. Jambos. * * Rose Apple. A good sized tree, with handsome appearance. Fruits medium-sized, rose-flavored, crisp and delicious when fresh. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.; 3 yr. 35c, \$3.50 per doz.

E. malaccensis. * * Malay Apple. Foliage broad; fruits white and pink, about 3 inches long, rose-scented. 2 yr. 50c, \$5.00 per doz.

GENIPA americana. * * Marmalade Box. A recent introduction from Porto Rico. Well recommended for its sub-acid fruit. 2 yr. 40c, \$4.00 per doz.

HARPEPHYLLUM cafrum. * * Kafir Plum. New and well recommended. 2 yr. \$1.00.

MACADAMIA ternifolia. * * Queensland Nut Tree, slightly resembling the chestnut, bearing delicious nuts twice the size of filberts, rich and highly valued. 1 yr. 50c, \$5.00 per doz.

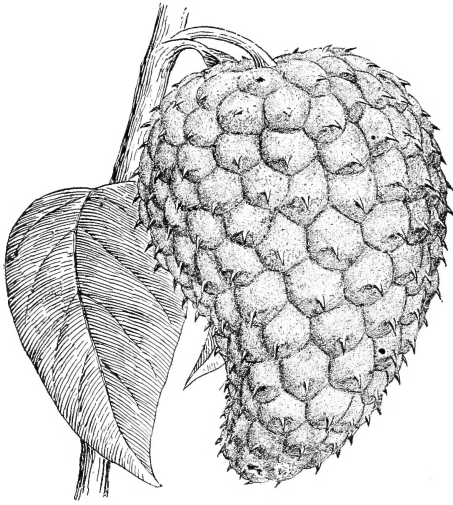
MALPIGHEIA glabra * and * * Barbados Cherry. Dwarf tree with delicious red fruits of sub-acid flavor. 35c, \$3.50 per doz.

MAMMEA americana. * * Mammee Apple. Large tree, bearing very large fruits 3 to 6 inches in diameter. Does well in extreme South Florida. 1 yr. 40c, \$4.00 per doz.; 2 yr. 50c, \$5.00 per doz.

MANGIFERA indica. * and * * Mango. One of the most important tropical fruits for South Florida. We have been importing the delicious East Indian varieties for years and were the first to introduce these in Florida, beginning in 1887. Our stock is probably the largest in Florida. All sorts named, with exception of Red Eleven are East Indian varieties of ex-



Langra Benarsi Mango, as it fruited here last summer.



The Sour Sap.

ceptional value, almost or entirely devoid of fibre. These should be planted everywhere in South Florida (and of course in the tropics generally); in Florida in protected spots, or else protected artificially with cloth or lumber, so that fruit may be grown for home use. Nothing compares with the improved mango for table use, and even one tree is worth a lot of trouble to grow as grafted stock bears early and abundantly. Our plants are all inarched (or grafted) on to pot-grown 2-year-old seedlings, and may be set safely any time of the year, being strong and vigorous trees, well rooted. Pot-grown stock is the only safe stock to handle, as the mango, when transplanted from the open ground is very likely to die. In setting our pot-grown trees the planter is sure to get growth from every one.

Amini. General form long, about 5½ inches; skin medium thick, yellow and red. Flesh meaty, tender, juicy, sweet. \$2.50.

Arbutnot. Imported by us direct from India. This fruited for us in 1910 for the first time. The fruits are rather long, weighing 8 to 12 ounces each, of excellent flavor and very little fibre. \$2.50

Bennett (Bennett's Alphonse.) Considered one of the best yet fruited in Florida. Medium sized; highly colored; very prolific. \$2.50.

Cambodiana. A very rapid grower, bearing medium to large fruit; early ripening; color yellow; shape long; rather more acid than most sorts if gathered before coloring, but when ripened on the tree quite sweet. Very fine sort without any turpentine taste. \$2.50.

Ennuria. Of our own importation. Medium-sized; oblong; highly colored; exquisitely flavored; mid-season in ripening; has a little fibre. \$2.00.

Fernandez. Fruit small, covered with a glaucous bloom; of superior flavor. \$3.50.

Goa Alphonse. Said to be one of the finest grown around Calcutta but not tested by us as yet. A fine grower. \$5.00.

Gollan. Our importation from Saharanpur, India, named in honor of the late Superintendent of Government Gardens there. Fruit large, oblong, weighing from 12 to 24 ounces each; pale yellow in color. Small quantity of fibre; flavor excellent. \$3.50.

Gopal Bhog. Highly recommended by our Indian correspondent who furnished the original stock. Has not yet fruited in America. \$3.50.

Gordon. This is probably the smallest fruit of our collection, averaging around 6 ounces; short, kidney-shaped; flavor delicious; high color; quite prolific. \$2.50.

Langra Benarsi. One of our introductions from India which bore in 1910 for the first time. Promises to be very prolific and is a strong grower. The fruit is the largest we have ever seen, weighing up to 3 lb. 1 oz. each! Very little fibre; flavor rich and spicy. The illustration will show the shape of the fruit, which is yellow or greenish yellow when ripe. \$5.00.

Late Mulcarri. Our own importation. Fruit small to medium, yellow, highly flavored, usually late to ripen, contains but little fibre; prolific \$2.00.

Mulgoa. This fruited for the first time in 1909. Fruit large, (12 to 16 oz.) almost round, fibreless, of good flavor. Differs entirely from Mulgoba. \$2.50.

Mulgoba. Large, very fine fruit, deliciously flavored, devoid of fibre, highly colored; one of the best. The first of the Indian varieties to fruit in Florida. \$2.00.

Paheri. Imported by Dept. of Agriculture, and fruited in 1910 for first time in Florida. One of the finest sorts grown in India. General form roundish, about 3½ by 3¾ inches. Skin thick, yellow and green when ripe, touched with garnet red on the sunny side—very attractive. Flesh yellow, tender and juicy; sweet and aromatic. Of very high quality. \$3.50.

Peters No. 1. Supposed to be one of the famous Bombay mangos. Rather late ripening; medium size; very rich red color; spicy; prolific. \$3.50.

Raipury. Averages about 10 oz. in weight; a trifle elongated; flavor rich and buttery; both flavor and aroma distinct from any other mango, and very attractive; very prolific. \$2.50.

Red Number Eleven. A West Indian descendant of a fine Indian sort, having high color, but is small in size and somewhat fibrous. Has a delicious flavor. \$1.50.

Singapur. Our own importation. Very promising. \$3.50.

Sandersha. So far as known the latest to ripen. Fruit long, yellow, large size, sometimes nearly 3 lbs. each. Flavor good, but somewhat acid. \$5.00.

Strawberry. Imported by us from India, fruited in 1910 for first time. Fruit small, of delicious flavor; contains some fibre. A medium strong grower. \$2.50.



The Common Guava.

Totafari. A good midseason sort, resembling Sandersha, but only about half the size. Bears when very small. \$2.50.

Seedlings. From named Indian sorts. 1 yr. 50c; common mixed, 1 yr. 20c, \$2.00 per doz.

MELICocca bijuga. * * **Ginep**, or **Spanish Lime.** Yellow, plum-like fruits. A large tree. 2 yr. old 25c, \$2.50 per doz.

MONSTERA deliciosa. * and * * **Ceriman.** An arid plant, with enormous leaves. Fruit very valuable. Large specimen plants \$2.50.

MUSA. The **Banana.** All sorts of great value to South Florida for fruit and to colder climates as decorative plants, being used freely in lawn and park planting.

Cavendish * and * * **Dwarf**, very tender. Fruit rich and fine. Suckers 25c, \$2.00 per doz.

Hart's Choice, or **Lady-Finger.** * * * One of the most hardy sorts, and the most valuable for Florida planting. Fruit is most delicious. Suckers 25c, \$2.00 per doz.

Orinoco. * * * or **Horse Banana.** A sort of plantain, fine for cooking, but liked by many raw. Very hardy. Suckers 25c, \$2.00 per doz.

Large Fig. * * Rather tender. Fruit very rich. A tall grower. Suckers 50c, \$5.00 per doz.

NEPHELIUM longanum. * * (**Euphoria**.) **Longan.** Fruit small, in large bunches, very sweet, not first-class. Tree handsome and may be used as a shade tree. 1 yr. 25c, \$2.50 per doz.

PASSIFLORA laurifolia. * and * * **Water-Lemon.** A vine bearing a juicy sub-acid fruit. 25c, \$2.50 per doz.

P. Quadrangularis. * and * * The **Granadilla** vine of Central America. Fruit large and generally liked. The large flowers are beautiful. 25c, \$2.50 per doz.

PERSEA gratissima. * * **Avocado**, or **Avocado Pear.** The most valuable fruit on the American market. Fruit is used exclusively as a salad, with various dressings. We offer seedlings from the finest large green and purple sorts from Cuban origin mostly, strictly first-class. 1 yr. 35c, \$3.50 per doz.

Mexican. Seedlings of Mexican sorts, said to be more hardy than our local sorts, but fruit is not so high in quality or large in size. 25c, \$2.50 per doz.

Pollock. Very early, large variety; budded or grafted. \$2.00.

Trapp. Ripens Nov. to Mch., the latest of all. Is a large green sort of high quality. \$2.00.

PSIDIUM. The **Guava.** Very valuable for South Florida, requiring but one year after severe freezing for the young sprouts to bear heavily. The fruit is very variable in size and quality, but always in demand for home use and factory for preserving.

P. Araca. * * From Brazil. Fruit extremely acid, of medium size, not very seedy. 2 yr. 30c, \$3.00 per doz.

P. Fredrichstalianum. * * **Costa Rican Guava.** Extremely acid fruit, similar to the preceding. Of value in cookery. 2 yr. 25c, \$2.50 per doz.

P. guaiava. * and * * * The **Common Guava.** Fruits are variable in size and shape, sweet, sub-acid and sour, and largely in demand for making jelly, marmalade, cheese, and all manner of preserves. We grow this largely, and all from seeds of the most distinct and valuable fruits. Select sorts follow, of which we consider a large majority of the trees will bear true to description, but this cannot be guaranteed in seedling stock.

Perico. A sub-acid sort of very large size. Flesh thick and meaty, containing rather under the usual quantity of seeds; color pink. Flavor and quality the very best. This is fine for dessert, and for canning. Strong, 1 yr. old in pots, 10c, \$1.00 per doz, \$7.00 per 100.

Sweet. Grown from mixed sweet guavas, both pink and white fleshed, etc. For dessert and preserving. 1 yr old 10c, \$1.00 per doz.; \$7.00 per 100.

Sour. A lot of plants from the most desirable acid guavas, especially suitable for jelly-making and preserving. 1 yr. old 10c, \$1.00 per doz, \$7.00 per 100.

2 yr. 15c, \$1.50 per doz, \$10.00 per 100.

3 yr. 25c, \$2.00 per doz, \$15.00 per 100.

P. guineense. * and * * * The **Guinea guava**, in both white and pink varieties. Fruit very sweet, large size, thick meat; few seeds. 3 yr. light, 20c, \$2.00 per doz, 2 yr. 15c, \$1.50 per doz.

P. Molle. * and * * The **Sour Guisaro**, of Central America. Fruit small, very acid, fine for jelly. 2 yr. 15c, \$1.50 per doz.; 3 yr. 25c, \$2.50 per doz.

For Hardy Guavas see page 11.

SAPOTA Zapotilla. (Achras sapota.) * * **Sapodilla.** A broad-leaved evergreen tree with medium-sized russet fruit; very sweet. 2 yr. 25c, \$2.50 per doz.

SPONDIAS dulcis. * * **Otaheite apple.** A large tree, very tender, producing plum-like fruits three inches long, of a peculiar flavor. 2 yr. 50c, \$5.00 per doz.

S. pleiogyne. A large tree, with pinnate leaves, racemes of small flowers, and fruits resembling plums. From Australia. 2 yr. \$1.00.

TAMARINDUS indica. * * **Tamarind.** Tree large, very ornamental; fruit consists of fleshy pods, the acid pulp surrounding the seeds used in preserving and in making a delicious drink. 2 yr. 25c, \$2.50 per doz.

TRIPHASIA trifoliata. * and * * **Bergamot**, or **Limeberry.** A bush, quite thorny, useful for hedging. Fruit small, red, used in making a famous conserve in the Philippines. Small plants 35c, \$3.50 per doz.

UVARIA rufa. Small evergreen tree, with grape-like clusters of vermilion red, edible fruits. From Java. \$1.50.

VANGUERIA infausta. * * **Wild Medlar** of the Transvaal. Flavor like a loquat. \$2.00.

COLLECTIONS OF TROPICAL FRUIT PLANTS.

We make up collections of the foregoing plants to suit the location of our customers, sending the most suitable in every case. For the northern conservatory we, of course, send the finest in appearance, and species that can thrive under adverse conditions. We do not confine ourselves to a set list, but choose for every applicant. If the purchasers will kindly state what sorts they already have, we shall try not to duplicate them. This applies to all our collections.

No. 1. Six distinct sorts, postpaid, \$1.00. **No. 2.** Ten distinct sorts, very fine collection, \$2.00.

TESTIMONIALS FROM FLORIDA CUSTOMERS.

DeLand, Florida—"The plants reached here in fine order. Many thanks; you will hear from me again."
Mrs. R. J. HOWARD.

Rockledge, Florida—"The plants are all very satisfactory, and your honorable treatment in matter of honey-suckle is appreciated."
ROBERT HENKEL.

Palm Beach, Florida—"I received the box of plants in fine condition."

JOHN P. McKENNA,
Gardener to George B. Cluett, Esq.

Key West, Florida—"The plants arrived in fine shape."

JEFFERSON B. BROWNE.

Winter Haven, Florida—"The shipment of palms, roses, etc., arrived in perfect condition. Every specimen was of excellent quality, and I thank you not only for the care given the order, but also for the extras you included."

GEO. E. KOPLIN.

Lake Weir, Florida—"I have received the plants ordered and they were perfectly fresh, and such nice stock. I am much obliged for the extras."

K. L. SCOTT.

Jasper, Florida—"Palms received in perfect condition, and am very much pleased with them. Many thanks for the extra one, and your trouble."

Mrs. J. F. HILLHOUSE.

Boca Raton, Florida—"The box of guava trees, palms, &c., arrived in perfect condition, and seem as though they had never stopped growing in transit."

J. M. CARROLL.

II. Semi-Tropical and Temperate Fruit Trees and Plants.

Explanation of symbols for this section.—* Hardy throughout the South. ** Adapted to coast regions where temperature seldom falls under 20 degrees Fahr. *** Most tender semi-tropical sorts, not being able to withstand a lower temperature than 26 degrees Fahr. without injury. **D** Deciduous species. **E** Evergreen.

The majority of plants and trees named in this department should be set in winter, and not later than March 1st. Citrus trees, **pot-grown** guavas and other plants, however, may be set in Spring, Summer and Autumn, in fact at any time convenient. For discounts note paragraph 14, page 2.

CITRUS STOCK; one of our specialties. We produce a large crop of citrus trees yearly, but our supply this season is larger and finer than usual. We invite correspondence from those desiring large supplies; we ship to most remote parts of the world in safety. This stock is mostly grown on rough lemon, sour orange and pomelo roots. Prices of all varieties of **Sweet Orange, Pomelo (grape-fruit), Lemon, Mandarin, etc.,** unless noted otherwise, in stake-trained, fine trees, are as follows (**Note discounts on page 2, par. 14**):

Height.	Each.	Dozen.	Per 100.
1-2 ft.....	30c	\$3.00	\$20.00
2-3 ft.....	40c	\$4.00	\$30.00
3-4 ft.....	50c	\$5.00	\$40.00
4-5 ft.....	60c	\$6.00	\$50.00
5-7 ft.....	75c	\$7.50	\$60.00

CITRUS aurantium. * * **E The SWEET ORANGE.** Our list of varieties is reduced to only the very best, and no one will make a mistake in planting these sorts.

Centennial. One of the best native varieties, ripening early, but holding juice well. Grown on **sour orange.**

Foster. A fine Florida variety, quite early. On **sour orange.**

Gold Nugget Navel. A California variety of navel said to be superior in quality and market value. Has high color and ripens early. On **rough lemon and pomelo.**

Joppe Late. A very late orange from California; tree thornless; fruit seedless, of high quality and flavor; large size, inclined to be oblong. On **rough lemon and sour orange.**

Majorca. One of the finest Mediterranean sorts, seedless, and a good bearer. Tree thornless. Mid-season to late. On **sour orange.**

Navelencia. A choice hybrid of the navel and Valencia, originating in California. Fruit of excellent quality, late in season, and shows the navel mark. On **rough lemon and sour orange.**

Parson Brown. A very early native variety. On **rough lemon and pomelo.**

Pineapple. A distinctively flavored fruit of great merit. Mid-season to fairly late. On **sour orange.**

Ruby. A very early orange, showing blood markings when entirely ripe, about Jan. 10th to Feb. 15th. This variety colors up very early and should be mostly shipped before Christmas. An annual, very heavy bearer; the flavor is most delicious. Probably the best blood orange for Florida. On **rough lemon and sour orange.**

Star-Calyx. The adherent, enlarged calyx around the stem makes it distinctly marked. A heavy annual bearer. Midseason. On **sour orange.**

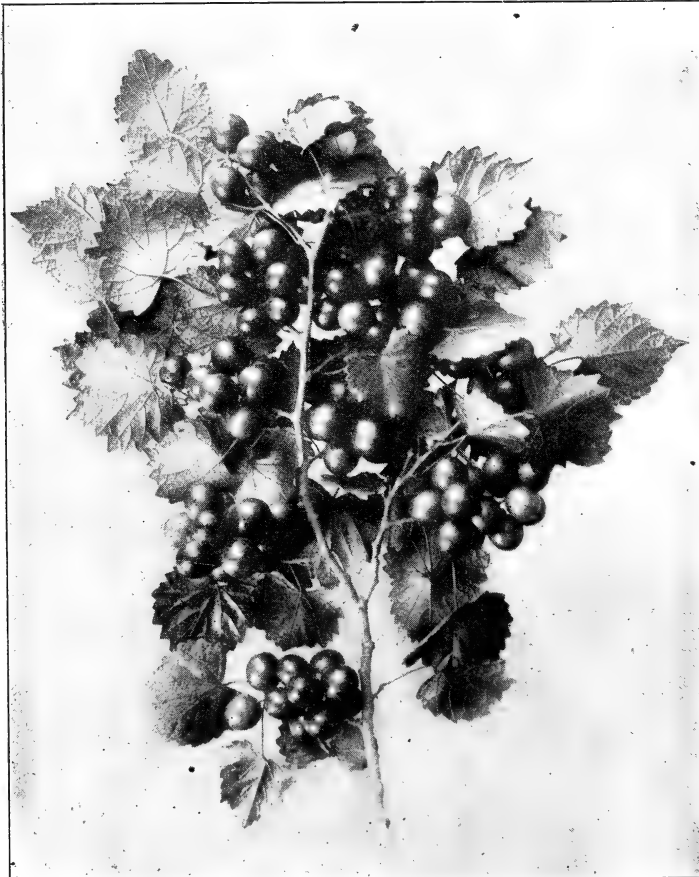
Surprise Navel. Of Florida origin. An early ripening fruit of splendid quality and flavor; size medium. Said to bear well even on sour orange roots. Grown on **rough lemon only.**

Tangerona. Very early, but small fruit; skin deep orange, highly colored. On **rough lemon.**

Tardiff. (**Hart's Late**). Very late keeper, season being from March to July, or even later. A fine, heavy orange of exceptional value. On **rough lemon and sour orange.**

Valencia Late. Confused and mixed so with Tardiff that few can see any difference, though we consider they are distinct. The fruit of Valencia is probably of a deeper color, ripening at the same time as Tardiff, but usually considered a shy bearer. On **rough lemon and sour orange.**

Washington Navel. Fruit early, large and with the characteristic navel mark on flower end. Quality the best. On **rough lemon, sour orange and pomelo.**



The James Grape.

CITRUS nobilis. * * **E.** The **MANDARIN** or **MANDARIN ORANGE.** All in this group have usually flattened fruit, with fruit segments and skin loosely adherent; sometimes called "kid glove" oranges.

Dancy (Tangerine.) Fruit of delicious, sparkling quality, mid-season in ripening; skin orange-red, very highly colored. Grown on **sour orange, rough lemon** and **pomelo.**

Oneco. A good fruit of our introduction. Growth and general appearance of tree resembling **Dancy**, but the fruit is rounder, and later ripening; of the most exquisite flavor. More hardy than **Dancy.** On **rough lemon** and **sour orange.**

Satsuma. A very early fruit, entirely seedless; tree thornless. Quality poor, but as the fruit ripens early can be sold before good fruit is available. Tree very hardy. On **sweet orange** stock; prices same as other trees on standard stocks. On **trifoliata** roots, priced as follows:

Sour Rangpur. * * **E.** Resembles a mandarin in shape and high coloring, with segments rather easily parted. Pulp reddish; juice very acid and finely flavored. A heavy bearer. Tree almost as hardy as the **Sweet Orange.** On **rough lemon** roots. Prices same as for orange trees.

Thornless. * * * **E.** A great novelty from Trinidad. We consider it of sterling value. On **rough lemon.** Prices same as for orange trees.

CITRUS medica cedra. * * * **E.** The commercial **Citron.** The thick rind of the fruit when preserved constitutes its value. This is a large, scrambling bush, with fruit from two to five lbs. in weight. Grown from cuttings. 2 yr. 25c, \$2.50 per doz.

Corsican citron. * * * **E.** A very superior variety from the Mediterranean region. On **rough lemon.** 35c and 50c each.

CITRUS pomelanus. * * **E.** The **Pomelo**, or **GRAPE FRUIT.** The culture of this valuable fruit is fully as important in Florida as that of



An Orange Tree in Fruit.

Height.	Each.	Dozen.	100.
1-2 ft.....	40c	\$4.00	\$32.00
2-3 ft.....	50c	5.00	40.00
3-4 ft.....	60c	6.00	48.00

CITRUS japonica. * * **E.** The **KUMQUAT.** A small fruit, and dwarf tree; admirable for small plots of ground or for conservatories. Fruit eatable either raw or cooked. Very ornamental. There are two forms, the **Oblong** and **Round**; the **Oblong** being preferred. Price of either sort, on **rough lemon** or **pomelo** roots, 35c each, \$3.50 per doz. On **trifoliata** roots 25c, 35c and 50c each.

CITRUS limonum. * * **THE LEMON.** We only grow one sort of a great many commercial varieties, the **Genoa**, usually considered the best. Grown on **sour orange**, with prices same as the **Sweet Orange.**

CITRUS limetta. **THE LIME.** The fruit of limes usually is very acid like the better-known lemon, and smaller in size. We offer three sorts of exceptional value, as follows:

Mexican or Common. A small fruit produced very abundantly, and in from two to four crops per year. Seedlings only at 25c, \$2.50 per doz.

the **Sweet Orange**, as it does so well and produces such a delicious product in our climate. We offer three varieties at same prices as the **Sweet Orange.**

Ellen. A splendid new sort originating on our own grounds. Size large; skin thin; in shape slightly flattened; very juicy, with average number of seeds; not excessively bitter; take it all around, the finest pomelo we have eaten so far. In season it is late. On **sour orange** stock.

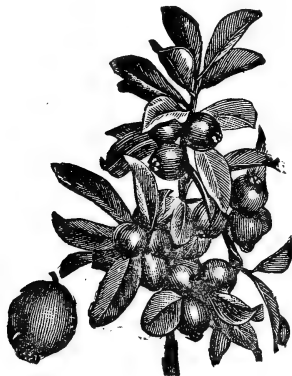
Pernambuco. Has been the leading sort in demand in this section for some years. Large size; late in ripening; bitter but fine. On **rough lemon** and **sour orange.**

Royal. One of our early introductions. Early ripening, sweet, not quite large enough for the general market. On **sour orange.**

Budwood of all sorts of **Citrus** trees, standard **Oranges, Lemons, Limes, Pomeles**, etc., 10c per doz., 75c per 100, \$5.00 per 1,000, postpaid. New or rare sorts, 15c and 20c per doz., \$1.00 to \$1.50 per 100.

CITRUS trifoliata. Used very extensively along the Gulf coast, (north Florida to Texas) as a stock for the Satsuma mandarin and other forms of citrus fruits, rendering them very hardy. This is also largely used as a defensive hedge, being hardy over most of the country, at least as far north as New York, etc. It makes a very dense hedge impenetrable to man or beast. We offer some splendid, clean, well-grown trees as follows: 8 to 12 inches high, 5c, 50c per doz., \$4.00 per 100, \$20.00 per 1,000; 1 to 2 feet 10c, 75c per doz., \$6.00 per 100, \$35.00 per 1,000. Extra 2 yr., stocky, 2 to 3 ft., 20c, \$1.50 per doz.; \$10.00 per 100.

DIOSPYROS Kaki. * **D. Kaki**, or **JAPAN PERSIMMON.** A hardy, deciduous tree of small size, bearing large fruits which ripen in Autumn, and Winter. Should be grown by every householder in the South for home use at least. The markets are taking this fruit in increasing



The Cattley Guava.

amounts. The following sorts are of the very best. Prices: 2 to 3 ft. 25c, \$2.50 per doz.; 4 to 5 ft. 35c, \$3.50 per doz., \$25.00 per 100.

Costata. Skin salmon-yellow; usually seedless. Late to ripen and a good keeper.

Hyakume. Very large-sized fruit; flesh dark and meaty.

Okame. Very large fruit, of a bright red color. Flesh light-colored, somewhat seedy. First-class quality.

Triumph. Tomato-shaped, rather small; skin deep yellow to red. The tree is a splendid grower, and immensely productive. Season lasts from September till December. Best sort for South Florida.

Tsuru. Large, rather slender; skin bright red. Flesh orange, darker around the few seeds. The latest of all, keeping into January. A good sort for South Florida.

Zengi. Small fruit, with dark flesh. Very early to ripen, and not astringent. All other sorts must be dead ripe before being eaten.

ELEAGNUS Simoni. * * **E** (possibly *). An evergreen shrub of graceful habit. The long growths bear quantities of acid fruits, bright red. Fine for preserving. Pot-grown, 3 yr. 35c, 4 yr. 50c.

ERIOBOTRYA japonica. * * * **E. LOQUAT.** (Medlar, or "Japan Plum.") A most valuable winter and spring ripening fruit, yellow, size of plums, deliciously flavored, and fine for preserving. The tree is a fine, broad-leaved evergreen. Pot-grown, 1 yr. 10c, \$1.00 per doz.; 2 yr. 20c, \$2.00 per doz.; 3 yr. 35c, \$3.50 per doz., 4 yr. 50c. From open ground, 1 to 2 ft. 30c, \$3.00 per doz.; 2 to 3 ft. 40c, \$4.00 per doz.; 3 to 4 ft. 60c.

FICUS carica. * **D.** The **FIG.** One of the most delicious of all fruits, which does well along the Gulf Coast. In Florida, owing to prevalence of nematodes, care must be taken in heavy mulching (preferably of stones or brickbats) as a preventive. The following are well-known sorts of best quality, all at these prices:

1 to 2 ft. 20c, \$2.00 per doz.; 2 to 3 ft. 30c, \$3.00 per doz.

Celestial. Often called "Sugar Fig," as its fruit is so very rich and sweet. A small fruit, brownish yellow, borne in profusion. Very hardy.

Lemon. Large fruit of a lemon yellow color; flesh white. Fine for preserving. Hardy.

Magnolia. Largely grown in Texas for canning. Fruit large; violet in color.

HICORIA pecan. * **D.** The **PECAN.** Pecan nuts form a staple crop in the South and fine, large nuts bring high prices. The industry is a safe one in the proper latitude. The lower South has an immense area of excellent soil suitable for these trees. The sorts we offer are the cream of the best named varieties, and priced as follows: 1 to 2 ft. 65c, \$6.50 per doz., \$50.00 per 100; 3 to 4 ft. 80c, \$8.00 per doz., \$60.00 per 100; large trees priced on application.

Centennial. Large size nuts, pointed at ends; of good flavor. A fine grower and bearer.

Columbian. (or **Pride of the Coast.**) Perhaps the largest of all sorts, 35 to 40 nuts to the pound. A strong grower.

Stuart. One of the oldest named sorts. Nuts of large size and of splendid flavor. A heavy bearer.

Van Deman. A large nut, 45 to 50 per lb., oblong in form. Quality good, and tree a prolific bearer.

President. The finest of all Pecans, embracing all the qualities of a perfect nut, in shape, size, color, and keeping quality. The meat is of delicious flavor, very solid. Has proved very productive. Size 45 to 50 per pound. Special prices of 1 resident pecan: 1-2 ft. \$1.00, \$10.00 per doz., \$75.00 per 100; 3-4 ft. \$1.50, \$15.00 per doz., \$110.00 per 100.

Seedlings. In addition to the fine grafted trees above offered, we can supply seedling trees as follows: 1 to 2 ft., 25c, \$2.50 per doz., \$20.00 per 100; 3 to 4 ft., 40c, \$4.00 per doz., \$30.00 per 100.

HOVENIA dulcis. * **D** The **Honey tree.** A good-sized, round-headed tree, which bears small globular fruits of reddish flesh, with edible peduncles. Makes a good shade tree. 2 to 4 ft. 35c, \$3.50 per doz.

JUGLANS cordiformis. * **D** The **Japanese Walnut.** Tree forms a large spreading head, with enormous leaves, growing very rapidly in the South. Nuts large and sweet, abundantly produced. 1 to 2 ft. 30c, \$3.00 per doz.; 3 to 4 ft. 50c, \$5.00 per doz.

MORUS alba. * **D.** The **MULBERRY.** Very useful trees for shade, and bearing enormous quantities of fruit, especially useful for feeding poultry and swine. Prices: 2 to 4 ft. 15c, \$1.50 per doz.; 4 to 6 ft. 25c, \$2.50 per doz.; 6 to 8 ft. 35c, \$3.50 per doz.

Chinese. Fruit medium-sized, borne in enormous quantity, ripening very early.

English. Fruit medium sized, black, borne for a long season; does not begin ripening until all others are gone.

Hicks. A very productive sort lasting through a season of about four months. Especially valuable for poultry and swine.

Stubbs. Decidedly the best we have seen. Tree large; fruit extra large and fine, borne very plentifully. The fruit of this is best for culinary use, or eating out of hand.

OPUNTIA ficus-indica. * * **E.** **Indian Fig Cactus.** This grows sturdily upright with very large heavy sections, and bears fruits about 3 inches long; pale-yellow in color. Is liked by many. Large cuttings 30c, \$3.00 per doz.

O. Tuna. * * **E.** **Tuna Cactus.** This is a giant prickly pear, growing up to five feet, and bearing quantities of purple fruits 2½ inches long; used in preserving and for furnishing a fine coloring for cakes and ices. Large cuttings, spines sheared off, 15c, \$1.50 per doz.

PRUNUS. * **D.** The **PLUM.** Plums seldom, if ever, bear well when isolated; the fact is the flowers need cross-pollination from vigorous sorts and hence to grow plums successfully one must

set a number of kinds in close proximity to insure regular crops. Procure one each of all the native, or common wild plums available and grow closely with any of the choice varieties. The following three sorts are best adapted to South Florida, and are grown on plum stock at these prices: 2-3 ft. 25c, \$2.00 per doz.; 4-6 ft. 35c, \$3.00 per doz.

Excelsior. Fruit of fair size, about 1½ inches in diam.; color reddish purple. Quality first class. All sorts ripen in June here.

Howe. Fruit medium to large, rich reddish-purple in color, with heavy bloom. Highly recommended.

Terrell. Fruit large, up to 2 inches in diameter; sweet and juicy. Color reddish-yellow, somewhat mottled.

In addition to the preceding sorts we recommend the following (at same rates) for colder parts of the South, down to middle of peninsular Florida:

Abundance. Medium to large size; greenish yellow and carmine skin; fine sub-acid flavor. Early ripening.

Kelsey. Fruit of very large size, greenish in color; flesh meaty, rather sweet. Ripens here in July.

McCartney. A very early ripening plum, rather oblong in shape; clear yellow skin. Very promising.

Red June. Fruit usually large, a deep vermilion-red color. Flesh yellow or whitish, moderately juicy, sub-acid. Very good quality.

Seedling Plums of common sorts, 10c to 25c each.

PRUNUS Persica. * D. The PEACH. The only choice hybrid peaches now grown in Florida, mostly from the Chinese peach parentage, have come to the front in market value. They are so rich and luscious in quality that their culture is spreading farther West and North. The varieties we offer are the best grown, and when propagated on our native plum by root-grafting are absolutely free from root-knot, thus living out their natural life, of 15 to 25 years. The fruit on such trees is larger, finer, and free from bitterness. We have satisfied ourselves thoroughly on the above points the past summer and recommend for Florida generally, trees so grown. One can safely plant them on any well-drained soil, no matter if infested with root-knot nematodes or not. Our stock and variety is limited this season to the following three sorts, which cover the season in ripening. **Prices of root-grafted peach on native plum stock:**—2-3 ft. 25c, \$2.00 per doz., \$15.00 per 100; 4-6 ft. 35c, \$3.50 per doz., \$25.00 per 100.

Angel. Of good size, with yellow skin, washed with red. Flesh white. Free stone. Ripens in June.

Jewell. The earliest and best market peach for South Florida planters. Is of medium size, high color, fine quality and free-stone. Ripens in May.

Millen's Favorite. A fine late peach of good color and splendid quality, resembling *Liberta* in size and appearance. Does well in Florida.

In addition to above, we can supply **Angel, Hall's Yellow, Jewell, Peento, Red Ceylon, and Suber** on peach roots, at following rates:—3-4 ft. 15c, \$1.50 per doz., \$12.00 per 100. 4-6 ft. 20c, \$2.00 per doz., \$16.00 per 100.

PYRUS communis. * The PEAR. The only pears of value to Florida are those of Chinese origin, as named below.

Cincinnati. A large pear which fruits bountifully in South Florida. Quality rather coarse, but

excellent for cooking. Bears when other kinds are barren. 2 to 3 ft. 25c, \$2.50 per doz.; 4 to 6 ft. 50c, \$5.00 per doz.

Keiffer. Large hard fruits, ripening late and slowly. Of value for cooking. 2 to 3 ft. 25c, \$2.50 per doz.; 4 to 6 ft. 40c, \$4.00 per doz.

LeConte. Ripening here in July and August. Fruit small to medium, pale-yellow, juicy and good. Must be ripened off the tree. 2 to 3 ft. 25c, \$2.50 per doz.; 4 to 6 ft. 40c, \$4.00 per doz.

Suwanee. A very valuable new pear, originating in South Georgia and promising well for Florida. Seems to be very resistant to blight and a heavy and regular producer. Size large, with fine color; quality the best yet grown of this type, 2 to 3 ft. 65c, \$6.50 per doz.; 4 to 6 ft. \$1.00, \$10.00 per doz.

PSIDIUM Cattleianum. * * E. The CATTLEY GUAVA. A vigorous evergreen shrub standing sharp frosts, having handsome broad leaves. Fruit small, averaging about an inch in diam.; borne in enormous masses, ripening in August. Color a pretty red. Fruit is juicy and sub-acid, good in many ways. A fine plant, also of especial value for making hedges in South Florida, as it is unusually free from insect pests, such as white flies and scale. Pot-grown, 1 yr. 10c, \$1.00 per doz., \$7.00 per 100; 2 yr. 15c, \$1.50 per doz., \$10.00 per 100; 3 yr. 25c, \$2.50 per doz. A few extra large at 50c.

P. lucidum. * * E. The YELLOW or CHINESE GUAVA. Resembles the preceding rather closely in growth, bearing an abundance of yellow fruit somewhat larger than Cattlely and sweeter. Same prices as for Cattlely, in fine pot plants.

PUNICA granatum. * E. The famous POMEGRANATE. A large shrub bearing seedy fruits of large size eaten out of hand, or used in making sherbet. Good bushy stock. 2 to 3 ft. 25c, \$2.50 per doz.

Common Sweet, and Spanish Ruby.

RUBUS cuneifolius. * E. Our native BLACK-BERRY. A good strain of fine sized fruit. 10c, \$1.00 per doz., \$6.00 per 100.

R. hybridus. * The NORTHEY BERRY. Resembles the Dewberry in growth, but is more vigorous and difficult to propagate. Fruit purplish in color, good-sized, and of exquisite flavor. Pot-plants 25c, \$2.50 per doz.

R. trivialis. * E. The MANATEE DEWBERRY. A delicious black fruit of great value. 10c, 85c per doz., \$5.00 per 100.

VITIS rotundifolia. * D. The MUSCADINE GRAPE. A very vigorous type of grape, needing large arbors, well built, for its loads of fruit. The varieties we offer are the best of the type and the most delicious of all grapes. Price, all sorts, strong vines, 15c, \$1.50 per doz.

Flowers. Of medium size, black, ripens very late, after all others are gone. Sweet; tough-skinned.

James. Berry very large, black, or purplish-black, very sweet. Ripens here in August and frequently has a second crop in October or November.

Meisch. A new sort of medium size, in color purple. The earliest to ripen here. Has a delicate but rich flavor of the very highest quality.

Scuppernong. Greenish-amber in color, of a delicious and distinct flavor, this famous grape is high in the estimation of all horticulturists, both as a fruit and wine-maker. The berry is very large, ripening in August and early September.

SPECIAL COLLECTION.

A special collection of five (5) **Semi-Tropical fruit trees**, our selection only, eminently suitable for growing in pots or tubs in the home, or conservatory, will be sent for \$1.00, postpaid.

III. Economical, Medicinal and Useful Trees and Plants.

MOSTLY OF AN ORNAMENTAL CHARACTER, AND NEARLY ALL POT-GROWN.

Explanation of symbols and letters. * Hardy throughout Lower South. ** Semi-tropical, not being able to withstand a lower temperature than 18 degrees Fahr. without injury. *** Tropical, adapted only to extreme South Florida and California, or for greenhouse culture. E Evergreen, D Deciduous. S Shrub, or small plant. T Tree. V Vine.

Nearly the entire list of plants in this department may be planted at any convenient time of the year. Most of them are pot-grown. We take pains to avoid sending plants of any sort at unsuitable times of the year.

ADENANTHERA pavonina. *** E T. The **Circassian Bean.** A beautiful tree with pinnate leaves. 25c and 50c.

AGAVE rigida, var. elongata. *** E. S Small plants 15c, \$1.50 per doz.

A. rigida, var. Sisalana. *** E S The **Sisal Hemp.** A very valuable fibre plant from Yucatan. Should be grown on large scale for fibre on cheap, frostless lands. Large quantities priced on application. As a decorative plant we offer strong stock 12 to 18 inches high at 25c, \$2.50 per doz. Smaller at 10c, \$1.00 per doz., \$4.00 per 100.

ALEURITES cordata. * * E T A Japanese tree producing rich, oil-bearing seeds. An ornamental shade tree. \$1.00.

A. moluccana. (A. triloba.) * * * E T The **tropical Candle Nut.** A vigorous tree of rapid growth, making a dense shade. 50c, \$5.00 per doz.

AMOMUM cardamomum. * * E S The **Cardamon Plant**, which produces the Cardamon seeds. Thick, leathery leaves, scented; useful as a decorative plant. 10c, \$1.00 per doz. Large, 20c, \$2.00 per doz.

ANDROPOGON citratus. * * E S The **Lemon Grass of India**, which furnishes oil of citronella. Makes clumps five feet high, and is a money-maker on South Florida lands. Write for price on large quantity. 10c, \$1.00 per doz.

BIKA orellana. *** E S. The **Annato plant**, famous for its orange-red dye. It makes an ornamental shrub. 3 to 4 ft. 50c.

CAESALPINIA sappan. *** E T An East Indian tree; pinnate leaves; flowers yellow; furnishes Sappan wood and dye. 50c.

CALOPHYLLUM calaba. *** E T The **Calaba Tree** of the West Indies. This grows to 30 ft. high, bearing white blooms. 75c.

C. inophyllum. * * * E T A large tree from the East Indies, with broad, glossy leaves and snow-white flowers. Bark, gum and fruit of economic and medicinal value. Fine large plants, 3 to 5 feet, 75c and \$1.00.

CANANGA odorata. * * * E V The true **Ylang Ylang**, from the Philippines. The large flowers are highly prized. Rare and new. Pot plants \$2.50.

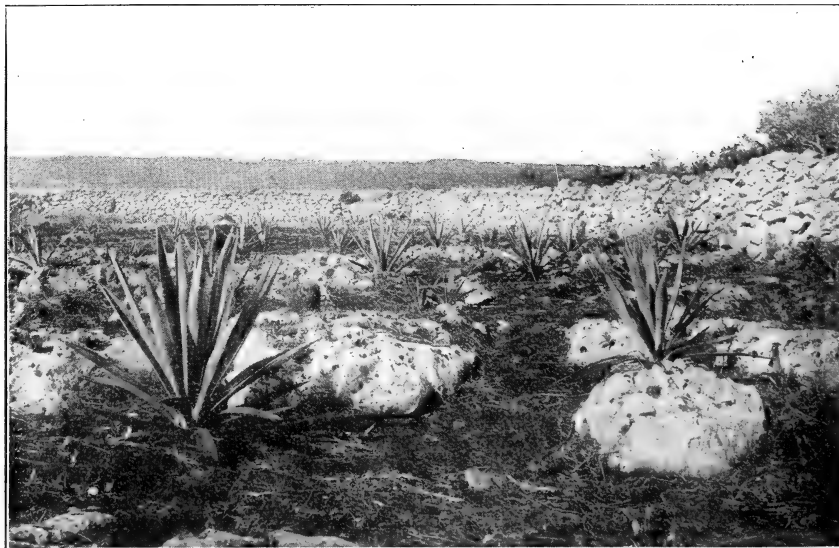
CASSIA fistula. *** E T. **Pudding Pipe Tree**, from India, which produces the Cassia pods. Flowers in graceful racemes; yellow. 25c.

CASTILLA elastica. * * * E T The famed **Rubber Tree of Mexico.** Perhaps the best rubber-producer for large plantations. We have a nice stock of pot-grown trees. 25c, \$2.50 per doz.; 2½ to 4 ft. 50c, \$5.00 per doz.

CEDEIRA odorata. *** E T Cedar of Jamaica and South America, where it furnishes most valuable lumber. Makes a fine shade tree of quick growth. Large, from 4 to 7 ft., 35c and 50c.

CINNAMOMUM camphora. * E T The **Camphor Tree.** Exceedingly valuable for Florida and the Gulf Coast for gum production and shade. Grows well on light sandy soil. Fine pot-grown plants: 1 yr. 10c, \$1.00 per doz., \$7.00 per 100; 2 yr. 20c, \$2.00 per doz., \$15.00 per 100; 3 yr. 30c, \$3.00 per doz., \$20.00 per 100.

☞ Special prices made on Seedlings from open ground, only in **large quantity.**



Sisal Hemp Growing in a Rocky Field (Cuba.)

C. cassia. * **E T** Chinese Cinnamon, or **Cassia lignea.** Much like camphor, but has narrower leaves; is a magnificent shelter tree, very dense, and of quick growth. Furnishes a cheap Cinnamon bark (not the true article), cassia buds, cassia oil, etc. Very valuable for Florida. Fine pot-grown stock.

2 to 3 ft. 25c, \$2.50 per doz., \$18.00 per 100.
3 to 5 ft. 50c, \$3.50 per doz., \$25.00 per 100.
5 to 6 ft. 50c, \$5.00 per doz., \$35.00 per 100.

COFFEA arabica. * * * **E T** Arabian, or **Commercial Coffee.** Our stock is grown from the Blue Mountain strain of Jamaica. A fine decorative plant; handsome foliage, resembling the chestnut; flowers white like Jessamine. 2½ ft. 50c, \$5.00 per doz.; 3 to 4 ft. 75c.

C. liberica. * * * **E T** Liberian Coffee. This has large, glossy leaves; very handsome. Coffee strong and rich. Pot-grown. 2 ft. 50c, \$5.00 per doz.; 3 ft. 75c, \$7.50 per doz.; 4 to 4½ ft. \$1.00, \$10.00 per doz.

C. zanzibarensis. * * *
E S A new and rare species. Leaves very small. 2 yr. 35c, \$3.50 per doz.; 3 yr. 50c, \$5.00 per doz.; 4 yr., 75c, \$7.50 per doz.

COLOCASIA sp. **Trinidad.** The "Dasheen," a valuable root used the same as potatoes. 35c.

CRESCENTIA cujele. * * * **E T** Calabash Tree, of the West Indies, from the warty fruits of which are made bottles, dippers, etc. A large tree with curious foliage. Strong, 25c, \$2.50 per doz. Extra large, 40c.

CURCUMA longa. * * **D S** The East Indian Turmeric. 35c.

ERIODENDRON fractuosum. * * * **D T** Silk-Cotton, or Ceiba tree of the West Indies. A large tree with buttressed trunk. Seed capsules filled with silky material. Of very quick growth, valuable as shade. Fine, pot-grown trees. 2 yr. 25c, \$2.50 per doz.; 3 yr. (4 ft.) 35c, \$3.50 per doz.

EUCALYPTUS. * * **E T** A valuable genus of forest trees now in the public eye, being greatly exploited for timber-growing in California. Some species do fairly well in South Florida, especially on rolling or hilly, well-drained land as free from frost as may be found. Some specimens are growing well on flat woods soil where drainage is good. We only offer the following three species for this season—all of high value:

E. resinifera. "Forest Mahogany." Pot-grown stock, ready to set. 15c, \$1.50 per doz.

E. robusta. "Swamp Mahogany." This seems of unusual merit here. Pot-grown stock 15c, \$1.50 per doz., \$10.00 per 100.

E. rostrata. "Red Gum." Pot-grown stock 15c, \$1.50 per doz.

FICUS elastica. * * * **E T** The Indian Rubber Tree. A valuable rubber-producer. The tree is largely used when small as a house plant, and in South Florida attains great size and beauty. Beautiful plants, pot-grown, 1 ft., 40c, 18 inches 60c, 2 ft. 75c; 3 to 4 ft. \$1.00.

GELESEMIUM sempervirens. * **E V** The Carolina Yellow Jessamine. A valuable medicinal plant, and splendid winter-flowering vine.

Beautiful, yellow, bell-shaped flowers, exquisitely perfumed. 1 yr. 15c, \$1.50 per doz.

HYMENAEAE courbaril. * * * **E T** West Indian Locust, or Algaroba of Panama. An immense tree, exuding valuable resin. The pulp around the seeds is edible. Fine plants 50c and 75c.

KOLA acuminata. * * * **E T** The Kola Nut Tree, furnishing the Kola of commerce. Strong plants, 2 yrs. 50c, \$5.00 per doz.

LAWSONIA inermis. * * **E S** The famous Henna Bush of the Orient. Also known as the Camphire of Solomon. Aside from its use as a cosmetic, the flowers are grown for sale in Cairo and other cities. Small, white flowers in spikes, scented somewhat like the Rose. Small, 15c, \$1.50 per doz. 2 yr. 25c, \$2.50 per doz.

MARANTA arundinacea. * **D S** Bermuda Arrow-root plant. Easily grown, the roots should be produced in Florida more largely. 10c, \$1.00 per doz.

MYRICA cerifera. * **E T** Wax Myrtle. A native tree bearing slate-colored berries, which produce marketable wax. Grows in either well-drained or swampy soil. 15c to 50c.

PARITIMUM elatum. * * * **E T** Cuban Bast Tree. A quick-growing tree with large, simple leaves and showy orange-yellow blooms. Fine for shade. 4 to 6 ft. 50c, \$5.00 per doz.

P. tiliaceum **E T** (**Hibiscus tiliaceus.**) The **Enajagua** of Porto Rico. One of the most valuable fiber shrubs or trees of the island, furnishing a very strong bast. Leaves are dark green, simple; flowers large and showy, like the Chinese Hibiscus. 15c, \$1.50 per doz.; larger at 25c, \$2.50 per doz.

PIMENTA officinalis. * * * **E S** The Allspice Tree, or bush, of Jamaica. Strong plants 50c, \$5.00 per doz.

PIPER. **Futokadsura.** * * * **E V** Japanese Pepper. A climber, adhering to wood or stone. 15c.

PITHECOLOBIUM dulce. (Inga) * * * **E T** A handsome small tree. The sweet pulp of the seed pods is a brilliant orange color, edible and wholesome. Very fine for shade and stands considerable cold, but not much hard freezing. 2 yr. pot-grown stock 25c, \$2.50 per doz., \$16.00 per 100. Extra large, older trees at 50c and 75c.

P. saman. * * * **E T** The Rain Tree of South America. Very tender. 50c.

SANSEVIERA guineensis. * * * **E S** African Bow-String Hemp. A quick growing and valuable fiber plant. Leaves are long and sword-shaped, mottled a greenish white. This and following species are undoubtedly the toughest plants known that may be used as decorative subjects. They live in water, or dry soil, for weeks, and in dark rooms for months without attention! Fine plants 15c, \$1.50 per doz. Large and fine, 25c, \$2.50 per doz. Ask for price on large quantities of both species.

S. zeylanica. * * * **E S** Ceylon Bow-String Hemp. As a fiber plant this has been prized from remote antiquity. A finer decorative plant even than the preceding at same prices.

SAPINDUS mukrossi * **E T** The Soap-berry tree. Said to be the most valuable sort for Flor-



Ficus elastica, the India Rubber Tree.

ida, and likely to be planted extensively. 1 yr. 20c, \$2.00 per doz.; larger 40c.

S. saponaria. * * * **E T** An interesting tree of the West Indies; the fatty coating over the seeds used as soap for many years. May be commercially valuable. 2½ to 5 ft. 25c and 50c.

SWIETENIA mahogany. * * * **E T Mahogany tree.** Famous for centuries for its beautiful wood. 5 ft. 75c.

THEA sinensis. (Camellia thea.) * **E S Tea Plant.** This is now being grown commercially in the South in a few gardens. Our stock is of the **Assam hybrid** variety. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.

THEOBROMA cacao. * * * **E T Chocolate tree.** This furnishes cacao (or "cocoa") as well as chocolate. Strong plants of the fine sorts. **Criollo** and **Yellow Forester** at 35c. \$3.50 per doz.

TOLUIFERA periera. * * * **E T The Tolu Balsam tree.** This yields a valuable product, and the tree is a fine shade tree with compound leaves. 1 yr. 25c, \$2.50 per doz.

VANILLA planifolia. * * * **E V Vanilla plant,** the only orchid possessing economic value. 25c.

ZINGIBER officinale. The **Ginger plant.** May be grown like a canna during summer, dried off, and roots kept over winter in dry sand. 15c, \$1.50 per doz.

A collection of 9 of the economic plants will be mailed for \$1. We do not hold to a set list for any of our special collections, but use our judgment in sending the various plants to the location of each purchaser. Customers may state what they already have in this particular line, whether economic plants or palms, etc., and we will endeavor not to send duplicates.

See paragraph 14, page 2, for discounts.

TESTIMONIALS FROM THE NORTH AND EAST.

Philadelphia, Pa.—"I want to thank you for the very satisfactory and liberal package of plants received from you. They arrived in fine condition and are doing very well." MARY W. BOUSALL.

Baltimore, Md.—"All of the plants furnished by you under my order have arrived safely and in excellent condition. I beg to thank you for extras." S. S. WALLACE.

Wilmington, Del.—"Accept thanks for plants received today, as I never before received such fine plants for so small an amount; you will receive a larger order from me again." L. S. STONE.

Rochester, N. Y.—"The box of plants arrived by express and every plant was fresh and green, strong and healthy. They were packed faultlessly. Thanks for the extras." AUGUST RORDE.

Easton, Md.—"The shipment of plants recently ordered of you was received in fine condition, as a result of your perfect system of packing. I enclose another order," etc. W. SCOTT WAX.

Rhinebeck, N. Y.—"Plants received in first-class condition, and all perfectly satisfactory. Many thanks for prompt attention." MRS. ELIZABETH SMITH.

Baltimore, Md.—"The plants arrived in good condition." J. COOK, Florist.

Malden, Mass.—"The plants arrived in fine condition; the packing was perfect." N. JOHNSON.

East Orange, N. J.—"The plants, etc., I ordered from you two months ago came in due time and in most excellent condition. I was greatly pleased with them. I have waited to see how they came out; all are growing finely except one crape myrtle." MRS M. A. STEVENSON.

Rochester, N. Y.—"I received the plants (remarkably beautiful and novel) in most excellent condition. In addition to getting value for my money, I want to express my thanks for your very excellent taste and the evidence of taste and judgment which money cannot remunerate you for. Will look closely at your catalog hereafter." W. J. HARE.

Storrs, Conn.—"The plants were received in fine shape."

(PROF.) A. G. GULLEY, *Com. Agric. College.*

Philadelphia, Pa.—"Many thanks for the plants and also favors; the plants looked as fresh as if just lifted and amaryllis with buds was in perfect condition." MRS. WALTER J. DILL.

Jamaica Plain, Mass.—"Plants received in excellent condition. I am greatly obliged to you for sending such fine specimens and also for replacing those I had trouble with before. Please understand that the defective leaves were not sent with any idea that you would send other plants, but simply to find out the trouble. I certainly appreciate the favor of your sending me the plants," etc. H. D. STEPHENS.

TESTIMONIALS FROM THE MIDDLE WEST.

Davenport, Iowa.—"I received the palms in good condition and wish to thank you for the careful way in which they were packed and the correctness in filling the order. They are certainly very nice and entirely satisfactory. Please accept my hearty thanks for the extras." MRS. J. H. CARSTENS.

Galesburg, Illinois.—"I received the plants in excellent condition and congratulate you on the sturdy and clean condition of your stock. Also found your labelling correct." C. Z. NELSON.

Cherry Grove, Ohio.—"The plants arrived in fine condition and I am much pleased with them. Accept many thanks for the extras." MRS. ORVILLE BENNETT.

Blackwell, Oklahoma.—"The plants came this morning and nothing could be finer; they were perfectly fresh and I believe as large as those you sent me once by express." MRS. ADA M. SIMPERS.

Kansas City, Kansas.—"The palms received in splendid condition. I will say that I have bought plants from several of the 'leading firms' and generally well treated, but yours were by far the largest that I ever received by mail." MRS. HARRIETT DAVIS.

Danville, Illinois.—"The orange trees, palms, &c., ordered from you came safely. I cannot say too much in praise of the very excellent way in which they were protected and packed. I shall take great pleasure in exhibiting the collection from you and telling my friends from whom they were obtained." JOSEPH FAIRHALL.

IV. Bamboos and Grasses

USEFUL AND ORNAMENTAL.

The liberal planting of this class of plants creates a luxuriant semi-tropical effect. The more hardy sorts are very effective in masses even as far north as Ohio and Pennsylvania, where they stand the winters safely. In the South they may be planted freely with perfect success. The foliage, besides being of an ornamental character, is relished by stock, and may be used as pasturage. The bamboos proper are very useful for the florist in very many ways—decoration, design work, etc.

Explanation of symbols.—* Those most hardy, standing the climate as far north as Ohio, or farther. ** Hardy all along the Gulf coast, standing a temperature as low as 12 or 15 degrees without serious if any injury. *** Tropical species, withstanding but light frosts unharmed. Roots will throw up growth, however, if tops are frozen.

Grasses and Bamboos may be set out any time of the year. On a large scale of planting, summer is to be preferred, or late spring in this climate. For northern and western locations, we should recommend the spring.

ANDROPOGON citratus. See Department III.

ARUNDO donax variegata. * **Gardener's Garter.** A beautiful bamboo reed attaining a height of 12 feet, beautifully variegated with white, especially during its early growth. Makes large clumps and is useful for bedding. Has immense flower plumes. 20c, \$2.00 per doz.

ARUNDINARIA metake * (Bambusa Metake.) A very broad-leaved hardy species rarely exceeding 10 feet in height, very suitable for tubs as a house plant. It forms naturally large masses like the preceding species, but may be confined to clumps effectively. Single canes, rooted, 10c,

space to show off its beauty, like all large bamboos. Single canes, rooted, 15c, \$1.25 per doz., \$8.00 per 100. Clumps 25c to \$2.00.

B. argentea-striata. * * Like the preceding but has foliage striped with white, especially noticeable during rapid growth. Grows even larger and more vigorously than the type. Single canes, rooted, 15c, \$1.50 per doz., \$10.00 per 100. Clumps 25c to \$2.00.

B. disticha. (Formerly listed as Arundinaria falcata.) * * A rather dwarf bamboo, reaching a height of 10 feet, and forming dense clumps. Foliage extremely small and narrow. Individual



Dendrocalamus strictus,—a Young Specimen.

85c per doz, \$6.00 per 100. Single clumps 25c, larger 50c.

BAMBUSA Alphonse Karri (B. verticillata.) * * A handsome species much like B. argentea, but larger and with canes striped with yellow. Clumps 25c and 50c.

B. argentea. * * A fine Japanese species reaching a possible height of 35 or 40 feet. It makes great thick clumps and the shoots bend outward very gracefully. Foliage small. Needs a large

canes with their foliage are effective in decorations, and may be used by the florist. Single canes, rooted, 10c, 85c per doz., \$6.00 per 100. Clumps, 25c to \$2.00.

B. spinosa. * * * This is an East Indian sort with thorny growth along the stems and branches. Makes very graceful, gigantic clumps, 50 feet high, with canes 3 inches thick. Can only stand light frosts. 25c, \$2.50 per doz. Larger 50c and \$1.00.

B. vulgaris. * * * The common giant bamboo, grows now all through South Florida. 35c.

CAPRIOLA Dactylon variety (Cynodon.) * * **St. Lucie Grass.** A fine leaved lawn grass, the favorite generally in South Florida. It grows very quickly from surface runners, but as it seldom perfects seed, must be grown from bits of sod. Clean sod, soil removed, 65c per bushel, by express only. Small lots by mail 25c and upward.

CORTADERIA Selloana. * (Gynerium) **Silver Pampas Grass.** An immense grass growing in great clumps, with feathery plumes often two feet long. 35c.

Pink-tinted Pampas Grass. Plumes of a pale flesh pink color. 35c.

CYPERUS alternifolius. * * * **Umbrella Grass.** Long known as a graceful house plant. Certainly a beautiful subject when well grown. 15c and 25c for strong pot plants.

DENDROCALAMUS strictus. * * * A wonderful giant bamboo of great beauty, having solid canes until very large, and reaching a height of 80 feet; will stand more frost than most tropical plants and recommended for South Florida generally. A rare plant. 25c, \$2.50 per doz. Larger 50c, \$5.00 per doz.



Bambusa disticha

EULALIA japonica zebrina. * **Zebra Grass.** Forms small clumps of a total height of about 6 feet; leaves striped crosswise with white. 15c, \$1.50 per doz.

ERIANTHUS Ravennae. * A large plume grass something like the Pampas grass. Clumps 25c.

PANICUM molle. * * **Para Grass.** One of the greatest forage grasses for Florida and the Gulf Coast. Will grow on very indifferent soil, wet or dry, and produce wonderfully. Seldom perfects seed and is grown by plowing under the growing tops, preferably in the rainy season. Cut tops, by express, 25 lbs. for 50c, 100 lbs. for \$1.50. By mail, roots, at 25c per doz.

P. palmifolium. (P. excurrens.) * * A grand, broad-leaved grass, resembling a palm in the young state. In fact, commonly called **Palm Grass.** The leaves are 4 to 6 inches wide, gracefully recurved. Clumps grow to a height of 6 feet in a summer season. A magnificent grass for the lawn or border. A fine conservatory plant, 15c and 25c.

PHYLLOSTACHYS aurea. * (Bambusa aurea) Very hardy species with underground running stems which throw up canes irregularly. Unless confined, it makes a straggling appearance. Fine for tubs, or for odd places; prefers a good, moist soil. Hardy to the Ohio river at least. Attains a height of 8 to 12 feet. Single canes, rooted, 15c, \$1.50 per doz. Heavy plants, 1 to 4 stalks, 25c, \$2.50 per doz.

P. violascens. * A rather dwarf Chinese species with leaves green above and bluish-gray beneath. Stems blackish violet; habit like Arundinaria Metake. 35c.

STENOTAPHRUM glabrum. * * **St. Augustine Grass.** A good lawn grass. Thrives even under shade, and will grow on almost any soil. Does not need so much water as Bermuda or St. Lucie Grass. 40c per 100 cuttings; by express \$1.00 per bushel.

A collection of 6 choice Bamboos and Grasses sent to any address for \$1.00.



Arundinaria Metake.

A TESTIMONIAL FROM A FOREIGN CUSTOMER.

Bocas del Toro, Panama—"The plants and orange trees came yesterday, after being a month on the road, in fine condition. Not a leaf was even yellow. I never got as fine a lot of plants since I lived in this country, and I assure you I am very much pleased with them, and with your system of packing. It is surely the best in the land."

THEO. GAMBLE.

V. Aquatics

* Specially adapted for aquariums, or for growth in restricted places. * * Large, showy species. **H.** Hardy where the roots are kept below ice; some species with no protection. **T** Tropical species, easily grown anywhere during summer. **S T** Sub-Tropical.

The species of **Caladium**, **Alocasia**, **Musa**, **Maranta**, **Hedychium**, **Heliconia**, **Amomum**, **Zingiber**, **Iris**, **Canna**, and others, can be grown with good effect on the low, moist ground surrounding lakes and ponds, and in similar damp locations.

The best time to plant Aquatics is during warm spring weather, or summer. Nymphaeas may be planted along the edges of ponds or streams, in not over a foot of water, and manure can be dug into the soil with advantage. You can not make soil too rich. For tubs, use very rich soil and manure, with gravel or sand on top, to keep the water clean

CYPERUS alternifolius. * **T** See Dept. IV.

C. papyrus. * * **T** (*Papyrus antiquorum*.) **Egyptian Paper Reed**, or **Moses Bullrush**. The triangular stalks support a large tuft of long, thread-like leaves; exceedingly graceful. Forms large clumps 4 to 7 feet high in rich soil. 25c, \$2.50 per doz.

LIMNOBIUM spongium. * **T.** A small native plant with floating leaves, which are filled with large air cells, of peculiar construction. 10c, \$1.00 per doz.

LIMNOCHARIS flava. * **T.** (*L. Humboldtii*.) **The Water Poppy**. Floating leaves and bright

yellow flowers, 2 to 3 inches wide, very freely produced. A gem. 10c, \$1.00 per doz.

L. Plumieri. * **T.** An erect plant with pale yellow flowers of small size. 10c.

MYRIOPHYLLUM proserpinacoides. * **T Parrot's Feather** or **Milfoil**. An elegant trailing plant, the stems covered with whorls of very delicate foliage, especially suitable for vases in fountains, etc. 10c, 50c per doz.

NELUMBO. * **H.** (*Nelumbium*.) A splendid genus of aquatics with very ornamental foliage which stands well out of the water, and in late summer are surmounted with the magnificent flowers, more or less fragrant. They are all fine



A Water Garden.

for tubs, and hardy where the roots are not frozen.

N. Kermesinum. The earliest flowering variety, with rose-pink flowers; quite distinct. \$1.50.

N. luteum. American Lotus, or Water Chin-quepin. Yellow flowers. Fine. \$1.00.

N. pekinensis rubrum. The best dark colored variety; flowers of a rosy-carmine, very large and handsome. \$4.00.

N. roseum plenum. Large flowers, very double; deep pink in color. \$2.50.

N. Shiroman. The grandest sort of all, with enormous snow-white flowers, exceedingly double, and free-blooming. \$3.00.

N. speciosum. The Egyptian Lotus. Flowers pink, creamy-white at base of petals. Fragrant. This is the best known species. \$1.50.

NYMPHAEA. (Castalia.) The Water Lily or Pond Lily. The most desirable genus of all aquatics, comprising a great variety of species, with flowers of all colors, richly scented and lasting well when cut.

Those in the day-blooming group are as follows:

N. coerulea. * * T. Flowers pale blue from 4 to 6 inches across, very fragrant. 75c.

N. Marliacea carnea. * * H. A vigorous hardy sort, with flowers of a soft pink color. Blooms all summer. \$1.00.

N. Marliacea chromatella. * * H. A favorite bright yellow species of easy growth. Flowers 4 to 6 inches across. 75c.

N. odorata. * * H. The native white pond lily, with large leaves and dazzling white flowers, 3 to 5 inches across. 20c, \$2.00 per doz.

N. odorata minor. * * H. A miniature form with flowers but 2 or 3 inches across. A fine subject for tubs. 25c, \$2.50 per doz.

N. odorata rosea. * * H. The Cape Cod pink pond lily. A beautiful species with rose pink flowers. 50c.

N. odorata sulphurea. * * H. Very fragrant sulphur-yellow flowers, 4 to 5 inches across. 75c.

N. pulcherrima. * * T. Giant flowers often 9 inches across, light blue with yellow stamens. Continuous bloomer. \$2.00.

N. Robinsoni. * * H. Flowers large, floating, of a splendid orange-red shade. \$1.00.

N. tuberosa maxima. * * H. The flowers are cup shaped, pure white with a strong aromatic fragrance. 25c, \$2.50 per doz.

N. tuberosa Richardsoni. A very double flower like a giant snowball, being a perfect globe. Always much admired 50c.

A collection of 5 choice Aquatics, our selection, for \$1.00. Remember, postage is paid by us on plants ordered by mail, and we send strong, vigorous plants, sure to please you.

N. tuberosa rosea. * * H. A free-blooming deep pink species; highly desirable. 50c.

N. zanzibarensis azurea. * * T. A superb blue flower, sometimes 6 to 10 inches across, highly fragrant. 50c.

N. zanzibarensis rosea. * * T. Similar to above except in color, which is pink in varying shades. 50c.

Night Blooming Species:

N. Bisseti. * * T. One of the grandest hybrids ever produced. Freely produces flowers 6 to 10 inches across, cup-shaped, very double, glowing rose-pink, standing well above the water. \$2.50.

N. dentata. * * T. A grand pure white flower, 8 to 12 inches across, petals opening out very flat, Fine. 50c, \$5.00 per doz.

N. devoniensis. * * T. An early hybrid, with leaves sometimes 18 inches across, flowers 6 to 10 inch; color pure red, very rich. 50c, \$5 per doz.

N. Lotus. * * T. The White Lotus, with leaves 12 to 20 inches across; flowers white, outer petals Pink, very robust, \$1.50.

PELTANDRA virginica. * S T Arrow Arum. Arrow-leaved plant growing about a foot high. 25c.

PIAROPUS azurea. * T. (Eichhornia.) The Blue Creeping Water Hyacinth. A fine plant never likely to be a nuisance in Southern waters as is the following species. 15c, \$1.50 doz.

P. crassipes. * T. The famous Water Hyacinth. A beautiful floating plant, with very bright flowers in spikes, lilac, blue and yellow. 2 inches across. Will grow in clear water in the house admirably. A valuable forage plant for cattle; will grow in ponds and streams all along the Gulf Coast. Special price for large quantities. 10c, 75c per doz.

P. Martiana. * T A choice plant, requiring good soil, not necessarily under water, but very wet. Spikes of small deep blue flowers. 15c, \$1.50 per doz.

PISTIA stratiotes. * S T Water Lettuce. A pretty, floating plant, sometimes 6 to 8 inches across the rosette of velvety leaves. 10c, 85c per doz.

SAGITTARIA montevidiensis. * * T The Giant Arrow Head. Broad arrow shaped leaves; white flowers in spikes. 25c.

THALIA divaricata. * * S T A magnificent native, ornamental bog plant, which may be grown at the north as easily as a canna. The enormous leaves with red midribs, resemble the banana and are 2 to 4 feet long. Flowers purplish borne high on stems 6 to 10 feet tall. 20c, \$1.50 per doz.

TYPHA latifolia. * * H Cat-Tail Flag. A very decorative bog plant well known everywhere. 15c, \$1.00 per doz.

TESTIMONIALS FROM THE PACIFIC COAST.

Los Angeles, California—"The plants came through in surprisingly good condition and I think they will all live and do nicely. I thank you for your prompt and satisfactory attention."

Thermalito, California—"The plants arrived today, and I will say they are the finest I ever saw. I never dealt with a firm as liberal as you are, before, and the plants were better packed, and arrived in better shape than any I ever received. I thank you for your promptness and liberal dealings."

Oregon City, Oregon—"I was very much pleased with the plants I received, and enclose order for," etc.

Los Angeles, California—"I am sorry that I did not hear sooner of your nursery. I have purchased quite many plants from others, some of them within 100 miles of this city; the plants from these parties were left in the pots with all the dirt: as a rule most of them were shipped by freight and reached me within three or four days. After I set them out in the open they mostly lost their leaves and lingered for weeks ere they showed any signs of life, some even die. With your plants it is different; the dirt is all, or nearly all, removed, you send them packed in damp moss, the plants are wrapped thickly in paper and excelsior so no outer air gets to them, and when I remove the wrappings the plants in nearly every case appear as if they had left your nursery but a few hours before. When they are planted they begin to sprout and form leaves as if never disturbed," etc.

Salem, Oregon—"Received palms in fine shape; they are beautiful and all I expected them to be. Especially I thank you for the extra ones. They are all doing finely."

Berkeley, California—"I enclose an order. * * * I must add that in my previous dealings with you I have had better service than from any other nursery."

Upland, California—"The plants you sent me arrived in perfect condition, and are growing finely, so I am encouraged to send a further order."

VI. Conifers.

All the following Coniferous Evergreens are entirely hardy in Florida and the Lower South, except *Araucaria excelsa*. This may be grown out doors in South Florida, in protected places, south of Orlando and Tampa. Our conifers are carefully grown, having plenty of space allowed for proper development, and are healthy and vigorous. Write for special rates for stock in quantity. All are pot-grown excepting *Thuja orientalis*, and *T. compacta*, and may be transplanted safely any month in the year.

AEUCARIA Bidwilli. Bunya-Bunya Pine, of Australia. A grand tree of symmetrical growth with branches from the ground up. Reaches enormous size and does well in South Florida, standing severe frost. Price on application.

A. excelsa. The "Norfolk Island Pine." A grand decorative subject both for pots when small, and open air in the Tropics. Will stand but little frost. Elegant plants 10 to 15 inches high \$1.00. Larger specimens, \$1.50.

A. excelsa glauca. Foliage of a delicate silvery color, sometimes bluish; very beautiful. Fine plants \$1.50.

CALLITRIS robusta. The Cypress Pine. Small plants, \$1.00 each

CEDRUS Deodara. The Deodar, or Great Cedar of the Himalayas. Foliage somewhat like a pine, blue-green. 2 yr. old 25c, \$2.50 per doz.

CUPRESSUS. The Cypress. A genus of most beautiful trees, varying in size, but all we offer are very desirable species. They do well in Florida and are highly recommended.

C. funebris. Funereal Cypress from China. Foliage and branches pendulous. 25c and 50c.

C. Goveniana. Reaches a height of 50 feet with a broad pyramidal head. 25c and 50c.

C. Knightiana. A fine Mexican variety with the young branches of a violet or glaucous color. 50c.

C. Lawsoniana. A graceful California variety; drooping branches; silvery green foliage. 25c and 50c.

C. lusitanica. The Cedar of Goa, from Portugal. Very handsome, with spreading branches. Foliage glaucous. Grows very fast, even on poor, sandy land. 25c, \$2.50 doz.

C. sempervirens pyramidalis. Common cypress of Western Asia, and Southern Europe. The type is very slender, but the form pyramidalis is more cone-shaped, broad at the ground and tapering up, more or less slenderly. We have a splendid stock of these trees which are a success, over the entire South. 8 to 12 inches high 15c, \$1.50 per doz.; 12 to 18 inches, 25c, \$2.50 per doz.; 18 to 24 inches 35c, \$3.50 per doz.; 24 to 30 inches, 50c, \$5.00 per doz.

JUNIPERUS barbadensis. Our native Red Cedar. Differs but slightly from the Virginia Cedar. 20c.

PINUS excelsa. The Lofty or Botan Pine, from the Himalayas. Leaves fine, long and frequently blue-green. 2 year 20c, \$2.00 per doz.; 3 year 30c, \$3.00 per doz.; 4 year 50c.

P. halepensis. The Aleppo or Jerusalem Pine. The most common pine of Palestine, a low spreading tree 20 to 30 feet high; its resin is used to preserve wine. 3 years, about 18 to 24 inches high 25c, \$2.50 per doz.; 4 years, about 2 to 2½ feet, 35c, \$3.50 per doz.

P. laricio. Corsican Pine. A grand species reaching a height of 150 feet, with a very erect habit, and freely branched. Leaves 6 inches long, glaucous-green. 2 year 15c, \$1.25 per doz.

P. longifolia. The Emodi, or Cheer Pine from India. A large tree, which does well in Florida. 25c.

P. Massoniana. Japan Pine. This reaches a height of fifty feet and furnishes excellent lumber of a deep-red color. 2 year 15c, \$1.25 per doz. 3 year 25c, \$2.50 per doz.

RETINOSPORA plumosa. Japan Cypress. Strong plants 35c and 50c.

TAXODIUM imbricarium. One of the two native Southern Cypresses. A great timber tree, it is also a beautiful ornament when well grown. 4 year, 35c.

THUYA (or Blota.)

This well-known genus contains some choice species for Florida and the South. They grow on any fairly well-drained land, and are all especially suitable for forming hedges.

T. occidentalis. American Arborvitae. A large bush, or small tree, admirable for hedges. Foliage flat and very dense, highly odorous. 14 to 18 inches high, 25c, \$2.50 per doz.; 18 to 24 inches high 35c, \$3.50 per doz.; 24 to 30 inches high 50c, \$5.00 per doz.

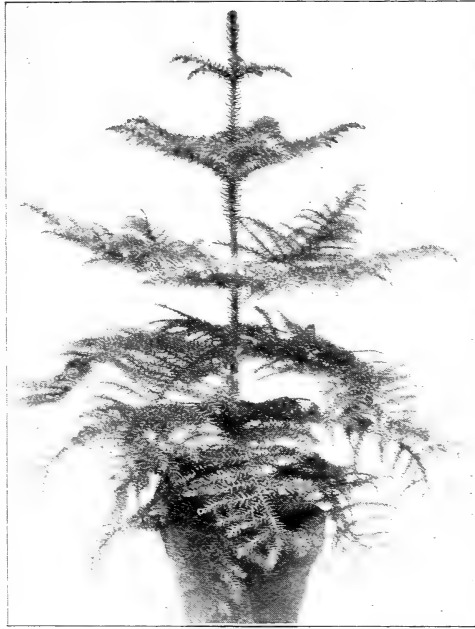
T. orientalis. Chinese Arborvitae. A slender tree, with flat foliage, rather open in its natural state, but very suitable for hedges, as by shearing it gets to be very dense. Young plants in pots, 8 to 12 inches high, 10c, \$1.00 per doz., \$7.00 per 100. From open ground as follows: 12 to 18 inches high, 20c, \$2.00 per doz., \$14.00 per 100; 18 to 30 inches high 30c, \$3.00 per doz., \$20.00 per 100; 30 to 48 inches high, 40c, \$4.00 per doz., \$25.00 per 100; 4 to 6 feet, 50c, \$5.00 per doz., \$30.00 per 100.

T. orientalis compacta. Conical in form, exceedingly dense and regular. A fine dwarf species, suitable for cemetery, park and general planting in many ways. Pot plants 6 to 10 inches high, 15c, \$1.50 per doz., \$10.00 per 100. From open ground strong stock, 20c to 35c. Very large specimens, \$1.00 to \$3.50.

T. orientalis aurea nana. The best golden-tipped form yet produced. Of a rich golden color which is very attractive. 35c to \$1.00.

T. "Rosedale Hybrid." A very unique and handsome dwarf species, with dark green, sometimes glaucous, sometimes bronze, foliage, of dense habit and conical shape. Pot-grown, 35c and 50c.

A collection of 6 choice Conifers, our selection, will be sent postpaid for \$1.00. Ask for prices on large quantities of any stock needed. See discounts under paragraph 14, page 2.



Araucaria excelsa.

VII. Palms and Cycads.

"THE PRINCES OF THE VEGETABLE KINGDOM."

Palms form one of our specialties, and we grow thousands of plants. **They are kept growing in pots, enabling them to be moved or transplanted at any time without trouble.** We use no heat except for a few most tender tropical sorts, during a few days of winter, and consequently our plants are in fit condition to be shipped every day in the year, and are healthy and stocky. For outdoor planting, we recommend their being set in spring or summer, so that they may be established before cooler weather. No class of plants makes such a tropical and elegant display as Palms. Make the soil very rich. A plant in open ground when once established cannot be fertilized too heavily. Where dry, mulching and watering must be attended to in their earlier stages; later, they can take care of themselves. In the autumn, in semi-tropical climates, Palms should not be cultivated so late as to cause rank growth in winter. In fertilizing, use considerable sulphate of potash, which will help Palms harden their growth and thus put them in good condition to stand freezing weather; if too much nitrogeaneous mazure is used it causes a sappy growth liable to be damaged by cold.

For culture in pots, see that the soil is rich, but not enriched too heavily, and that drainage is perfect. Do not try to grow a small plant in an extremely large pot. As a general rule, use 4-inch pots for plants 10 to 15 inches high; 6-inch pots for plants 20 to 24 inches high, etc., and always in such size that the roots will have plenty of soil, without its turning sour. Cover the drainage holes with broken pottery or small stones or similar material, to keep the soil from dropping through, and to keep the waterway open. Palms in the house need some sunshine, and will do best with the morning and afternoon sunlight every day, only avoiding the heat of noon. They will exist and live for years with but little light, but are not healthy, nor will they grow fast. An even, rather high temperature suits them best, without drafts of air. The hardier sorts will be able to stand a temperature of 60 degrees and do very well, but below this they will not make much growth. Even an occasional drop to 45 degrees will not kill them, but they would prefer 70 degrees most of the time. In summer, Palms will appreciate plunging in the ground to the top of the pots, in a half shady, moist situation. Sponge the leaves occasionally to keep them clean and free from insects.

Explanation of symbols.—* Those hardy enough to grow outdoors along the Gulf coast or Southern California, etc., or in a temperature not lower than 15 degrees Fahr. ** Tropical species, not being able to withstand more than light frosts without more or less injury. **D** Especially recommended for cultivation in greenhouses or for house decoration, although all sorts named may be thus grown if given suitable temperature. All Palms pot-grown, so may be shipped at any time of year.

All measurements are taken in natural position, above the pots.



Cocos plumosa, Used as an Avenue Tree.

ACROCOMIA sclerocarpa. * * The Groo-Groo palm of Trinidad. Tall, pinnate and spiny. Young plants 50c, \$5.00 per doz. Larger at 75c.

A. Total. * A quick-growing hardy pinnate palm, of large size; trunk 10 to 15 inches thick, covered with stout spines. Exceedingly ornamental. \$1.00.

ARECA lutescens. See **Chrysalidocarpus.**

ATTALEA Cohune. * * Cohune or Monaco Palm. A magnificent pinnate leaved palm; leaves up to 30 ft. in length. \$1.00.

A. gomphococca. * * This is a grand palm of large size from Costa Rica. \$1.50.

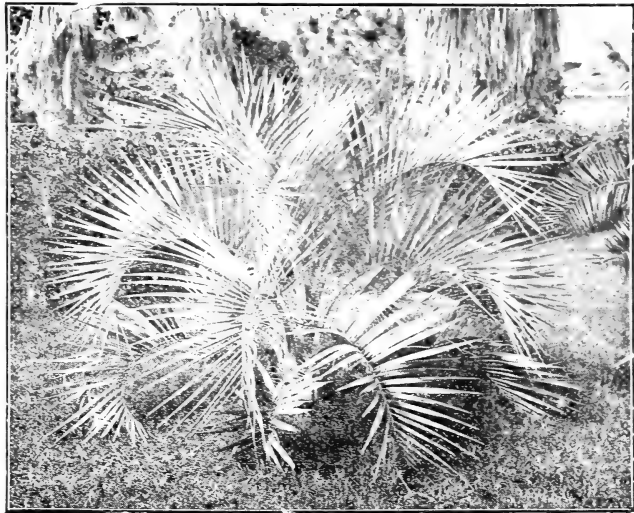
BACTRIS aurantiaca. * * **D.** Pinnate Palm from Mexico; dwarf and spiny but beautiful. Elegant plants with character. 35c to \$2.00.

CARYOTA mitis. * * **D.** Fish-tail or Toddy Palm. A splendid palm with peculiar bi-pinnate leaves; exceedingly ornamental either in a pot or when growing outdoors. Is of quick growth. Very good plants 50c, \$5.00 per doz. From 3 to 4½ ft. high, 75c to \$1.00.

CHAMAEDOREA glaucifolia (?) * * **D.** A new palm from Guatemala, pinnate-leaved, of slender quick growth. With character, 3 to 4 ft. \$1 to \$1.50.

CHRYSLIDOCARPUS lutescens. * * **D** (Areca lutescens.) A favorite for the greenhouse and home. Grows bushy and has elegant pinnate leaves nicely recurved. Small, 15c; about 2 ft. high, \$1.00; about 3 ft., \$2.00; about 4 ft., \$3.00. Very large specimens, \$35.00.

COCOS. A very large genus of pinnate-leaved palms, mainly from South America, containing both tropical and hardy species. The hardy trees are especially desirable for Florida and the Gulf Coast for planting out on lawns and avenues.



Cocos of the Australis Type.

C. Alphonsei. * This belongs to the **C. australis** type, is hardy and vigorous; leaves gray-green; fruit edible. 25c, \$2.50 per doz.

C. australis. * Very hardy, slow growing; leaves bluish-green. A small tree said to reach 30 feet. 25c, \$2.50 per doz.

C. Bonneti. * **D** Quite hardy, gray-green in color unless in deep shade, and very desirable for either pots or open ground culture. This is



Cycas revoluta in One of Our Plant Houses.

a beautiful Palm. Small, 15c. \$1.50 per doz. Larger, no character, 25c, \$2.50 per doz. Forming character, 50c.

C. coronata. * **D** A tall, fast-growing species confused with *C. plumosa*, which it closely resembles. The two species are invaluable for scenic planting in South Florida, as they are tall, elegant-appearing trees, somewhat resembling the Royal Palm and being able to stand severe frost after they are well established. In the cooler places of South Florida they need to be protected through cold snaps for two or three seasons only. 25c, \$2.50 per doz.; 2 to 3 ft., without character, 40c, \$4.00 per doz.

C. ———? "Dwarf Cocconut" from Cuba. 75c.

C. Datil. * A very hardy and vigorous species of the *C. australis* type, with gray-green leaves.

jects. Fine young plants, without character, 15c, \$1.50 per doz. Larger, 25c, \$2.50 per doz. Plants 2 to 3 feet high, 40c, \$4.00 per doz.

C. Normanbyana. * A rare hardy species. Small, 35c.

C. nucifera. * * The **Cocconut Palm**. Strong plants, 75c. (Unmailable.)

C. species from Entre Rios. * A strong grower of the *australis* type. Strong plants 35c, \$3.50 per doz.

C. Weddelliana. * * **D** A very dwarf, elegant pot palm, used largely with ferns in ferneries and dishes. Nice plants fully characterized, 25c, \$2.50 per doz. Larger specimens, \$1.25.

C. Yatal. * A very hardy species similar to *C. australis*. Small, 25c; beginning character 50c and 75c.



Ptychosperma elegans, Showing 25c, 50c and 75c Sizes.

Reaches a larger size than *C. Alphonsei* and is very ornamental. 50c.

C. eriospatha. * A larger Palm of the *australis* type; very hardy and beautiful. Young plants, 25c, \$2.50 per doz. Beginning character, 50c.

C. Gaertneri. * Similar to *C. australis*. 25c, \$2.50 per doz. Beginning character, 50c and 75c.

C. plumosa. * **D** A perfectly magnificent palm, resembling a Royal Palm, but of slightly smaller size (reaching a height of 50 feet or more), with great plummy leaves from 10 to 15 feet long, dark shining green. There is nothing to approach this and *C. coronata* for planting in semi-tropical regions, as the two similar palms will stand hard frosts after they attain some age, and beautify any landscape. They are beautiful as single specimens, in clumps, or as avenue sub-

COCCOTHRINAX Garberi. * * **D** This dwarf fan palm, a native of extreme South Florida, has leaves silvery on their under surfaces. Characterizes when very small. Beautiful small specimens of decorative size 25c, 50c and 75c.

CYCAS circinalis. * * **D**. Price on application.

C. revoluta. * **D** The so-called **Sago Palm**. A splendid dwarf plant for house, or grounds in the South, enduring much cold. Small plants 25c, \$2.50 per doz.; imported plants, with 3 to 5 leaves, 50c, \$5.00 per doz.; 5 to 8 leaves, 75c; 8 to 12 leaves, \$1.00; larger, \$2.00 to \$4.00.

DICTYOSPERMA alba. * * **D** A slender pinnate palm of quick growth. Nice plants, 25c, \$2.50 per doz.; larger, 50c, \$5.00 per doz.

D. rubra. * * **D** Commonly listed as *Areca rubra*. A fine pinnate palm requiring same cul-

ture as *Chrysalidocarpus lutescens*. Leaves finely tinted with red. A small palm with slender trunk. Nice plants 25c, \$2.50 per doz.; 2 ft. 50c; 3 feet 75c.

DYPSIS madagascariensis. * * D A dwarf and slender pinnate-leaved palm comparatively rare. Fine, strong plants showing character, 50c; large, from 4 to 5 ft., \$2.00.

ELAEIS guineensis. * * D The famous Oil Palm of the Guinea Coast. A splendid pinnate palm. From 50c to \$1.00.

GUILIELMA speciosa. * * The rare Peach Palm of the Amazon. Pinnate-leaved; of quick growth; fruit edible. Is doing well in extreme South Florida, outdoors. Very beautiful but spiny leaved. Strong plants, \$2.50.

HYDRIASTELE Wendlandii. * * D A rare pinnate palm, with slender trunk 2 to 4 inches in diameter, of vigorous growth. 75c.

HYOPHORBE Verschaffeltii. * * D A middle-sized palm allied to Areca and requiring same

solutely different from any other palm. Does well in extreme South Florida outdoors. Nice, young plants, with character 50c, \$5.00 per doz.; larger 75c.

LICUALA peltata. * * D Small plants of this rare fan palm, 35c.

MARTINEZIA caryotaefolia. * * D An elegant palm with foliage like the Caryotas, but spiny. Trunk slender, about two inches thick. Fine young plants with partial character 50c, \$5.00 per doz. Larger plants in good decorative shape 75c, \$1.00 and \$1.50.

NEOWASHINGTONIA sonorae. * The best strain of the California Fan Palm, sometimes called "Washingtonia robusta," "Thread Palm," etc. A fine hardy palm with reddish-brown, blunt spines on the leaf-stems, and threads hanging from the leaves; used largely as a street tree. Small plants, 1 yr. old, 10c, 85c per doz. Larger beginning to show character, 35c; fully characterized plants, \$1.50 and \$2.50.

OREODOXA borinquena * * (*Rovstonea borinquena*.) Porto Rican Royal Palm, differing some-



Thrinax barbadensis, Etc., in One of our Greenhouses.

culture. Pinnate leaves from 4 to 6 feet long, the midribs striped with orange-yellow on under side. A fine plant. Small plant, 35c; large, beautiful specimens, \$3.50 to \$5.00.

LATANIA borbonica. * D The well-known Chinese Fan Palm. Formerly more widely used as a house palm than any other kind. It is a hardy, rather slow-growing plant, with broad leaves, usually of a drooping habit. Makes a fine decorative plant for either indoors or open air in the extreme South. Strong plants, no character, 15c, \$1.25 per doz.; with character, 12 to 15 inches high, 25c, \$2.50 per doz.; 15 to 20 inches high, 40c, \$4.00 per doz.; larger but with imperfect foliage, 50c and 75c. Large specimens, about 3 ft. high or taller, \$3.00.

L. glaucophylla. * * D A rare species with deeply divided glaucous leaves, tinged red. A magnificent palm, which should be in every choice collection, as the massive, reddish leaves are ab-

what from the Cuban species, in being more vigorous and stocky. Does well in extreme South Florida outdoors. Small plants 15c, \$1.50 per doz.; 2 to 3 ft 30c, \$3.00 per doz.; 3 to 4 ft. 50c, \$5.00 per doz.

O. oleracea. * * D The Palmiste, or Cabbage Palm of Jamaica. A noble palm, much like *O. regia*, having coarser leaves and even more robust character, reaching a height of 100 ft. or more. Small plants 20c; 2½ to 3 ft. high, 35c, \$3.50 per doz.; 3 to 4 ft. 50c, \$5.00 per doz.; 4 to 5 ft. 75c, \$7.50 per doz.

O. regia. * * D The Royal Palm. This is one of the grandest of all pinnate-leaved palms, reaching a height of 125 feet in the Florida Everglades, where it is rarely found wild. The great leaves are 15 feet or more in length. Our main nurseries were named from this choice palm, beautiful specimens of which had been transplanted here but were lost some years later by frost.



Martinezia caryotaefolia.

When young this palm is tall and slender. Young plants, no character, 15c, \$1.50 per doz.; larger, beginning character, 25c, \$2.50 per doz.; about 3 feet high, 35c, \$3.50 per doz. A few larger plants at 50c and 75c.

PHOENIX. The *Date Palms*. Pinnate-leaved palms of hardy character, many species of which will endure severe freezing unharmed. We recommend the various species for open-air planting on a large scale in Florida and protected Gulf Coast spots.

P. canariensis. * **D** The *Canary Island Date*. One of the finest and most hardy for open-air planting. Leaves long and pinnate, closely set; trunk very large. Splendid for lawn and park planting along the Gulf Coast, as it is hardy and vigorous. Small plants, 1 yr. 15c, \$1.25 per doz.; 2 yr. 25c, \$2.50 per doz.; 3 yr., beginning character, 35c, \$3.50 per doz.; large specimens, fully characterized, about 30 inches high, \$3.00. Beautiful specimens, 3 ft. to 3½ ft. high, \$5.00.

P. dactylifera. * The *Commercial Date Palm*. Does not fruit much in Florida or the West Indies owing to humidity, but is a great success in Arizona and Southern California. Young plants only, 15c, \$1.50 per doz.

P. farinifera. * **D** A dwarf species admirable for house decoration. The seeds are covered with a sweet, mealy pulp. Our stock is true to name. Fine plants, fully characterized, \$1.00 and \$1.50.

P. paludosa. * **D** *Swamp Phoenix*. Resembles *P. reclinata* somewhat. Fine plants, rather slender, with character, 50c to \$1.00.

P. pumila. * **D** A quick grower, with a slender trunk not over 6 inches in diameter. Fine for street planting. Nice plants, with character, 2 ft., 50c, \$5.00 per doz.; 2½ ft., 75c, \$7.50 per doz. About 3 ft., \$1.00.

P. reclinata. * **D** A splendid palm for the house, or for open-air planting in South Florida and other warm regions. Leaves are arched and very dark green; tree grows quickly, having a trunk 5 to 8 inches in diameter, but unless the

suckers are removed the plant makes an immense plummy clump, the trunk or trunks not being visible. It is especially fine when allowed to grow at will. Can be used for street planting by cutting off the small suckers for a few years, when they cease to sprout out. We grow this in quantity. Small plants 1 yr. old, 10c, \$1.00 per doz.; 2 yr., no character, 15c, \$1.50 per doz.; 3 yr., with character, about 15 to 18 inches high, 25c, \$2.50 per doz.; about 2 ft. high, 50c, \$5.00 per doz.; about 2½ ft. high, 75c, \$7.50 per doz.; about 3 ft., \$1.00; 3½ ft., \$2.00; 4 ft., very good, \$3.00.

P. reclinata* var. *Leonensis. * A stronger grower with more spines along the leaf-stems than the type. Strong plants, characterized, 50c, \$5.00 per doz; larger at 75c and \$1.00.

P. Roebelenii. * **D** A new and dwarf species, especially fine for house decoration. Nicely characterized plants, 50c to \$2.00.

P. rupicola. * **D** One of the finest species for growing in pots for the house or conservatory. Wide-spreading, arching leaves, the pinnae set closely along the midrib, and the plant carrying a larger number of leaves. Small, no character, 15c, \$1.50 per doz.; better, 25c; beautiful specimens, fully characterized, \$3.00 to \$5.00.

P. sylvestris. * The *Wild Date* of India. Tall, fast-growing, with large trunk, 12 to 24 inches in diameter, and very hardy. The crown is composed of a large number of splendid long gray-green leaves; it is a grand palm for nearly all portions of Florida, being about as hardy as *P. canariensis*, the most hardy species of the genus, and of far quicker growth. Small 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.

PRITCHARDIA pacifica. * * **D** A rare fan palm from the southern seas. Small plants, 35c.

P. species from British Guiana. * * **D** This closely resembles the preceding. A very fine, broad-leaved palm of quick growth, requiring heat. Plants with character, \$2.00.

PTYCHOSPERMA Alexandrae. * * **D** A beautiful, smooth, pinnate-leaved palm, resembling the *Seaforthia*, but the pinnae are finer, with under surfaces of a silvery color. 1 yr. plants 10c, \$1.00 per doz.; large specimens, fully characterized, \$1.00 to \$3.00.

P. elegans. * * **D** (*Seaforthia elegans.*) Will always be known as the *Seaforthia* palm. A most graceful palm, eminently adapted for decorative uses. The beautiful pinnate leaves are from 2 to 8 feet in length, dark-green and smooth, and



The Royal Palm.

the plant always carries a goodly number, making a superb subject for house decoration, and for the lawn in warm countries. This is really one of the finest palms for the South, standing chilly rooms in winter without dying at the tips. We grow it in large quantity and find it a universal success judging from our customers' letters. 1 yr. old, no character, 10c. \$1.00 per doz.; 3-in. pot plants, no character, 15c. \$1.50 per doz.; about 15 to 18 inches high, with some character, 25c; about 18 to 24 inches high, fine, 50c; about 2 to 2½ ft., 75c; about 3 ft., \$1.00; about 4 ft., \$1.50; about 5 ft., \$2.00; about 6 ft., \$2.50. Very splendid specimens in tubs, 9 ft. high, \$10.00; 10 ft. high, \$12.00.

P. McArthurii. * * **D** A dwarf species, which throws up numerous suckers, forming bushy plants. Nice plants, with character, \$1.00. Beautiful large specimens, 4 to 8 ft. high, from \$5.00 to \$10.00.

RHAPIDOPHYLLUM hystrix. * **D** The "Porcupine Palmetto." Nice young plants, 35c and 50c.



Young Palms in One of Our Plant Houses.

SABAL Adansonii. * **D** Dwarf Palmetto or Blue Palm, of Florida and South Georgia. A stemless species, with dark, blue-green, fan leaves, growing 4 or 5 feet high. Strong plants, beginning character, 35c.

S. Blackburniana. * One of the West Indian giant palmettos, with enormous leaves. Very choice and hardy. 2 yr. 15c, \$1.50 doz.; 3 yr. 25c, \$2.50 doz.; about 2 ft. high, 35c, \$3.50 doz.

S. causiarrum. * (Inodes causiarrum.) The Hat Palm of Porto Rico. This is probably perfectly hardy here, as it is closely allied to our cabbage palmetto. Commencing character, 35c.

S. glaucescens. * **D** This species has a beautiful bluish-gray coloring to the leaves, and is of quick growth, especially suitable for growing in the greenhouse or conservatory, etc. Fine young plants, 2 yrs. old, 25c, \$2.50 per doz.

S. mauritiaformis. * The Savana Palm of Venezuela. The largest of all Sabals, having gigantic leaves up to 12 ft. across. \$1.00.

S. mexicana. * Mexican Palmetto. Resembles S. Palmetto, but is heavier and more stocky. Strong plants, 35c and 50c.

S. Palmetto. The famed Cabbage Palmetto of the South. A tall tree with a large head of fan leaves. Very suitable for street planting in all our Southland near the Gulf and Atlantic coasts. Has a number of economic uses. 2 yr., no character, 10c, 85c per doz.; 3 yr. 15c, \$1.50 per doz.; beginning character 25c, \$2.50 per doz.; from 5-inch pots, with some character, 50c, \$5.00 per doz.

S. sp. unknown. * A gigantic leaved palmetto introduced here from an unknown source and differing from our other large sorts; the immense leaves are 6 to 8 feet across, of a very dark shade of green. 18 to 24 in. high, 50c.

S. umbraculifera. * The tallest species known, reaching a height



Phoenix reclinata.

of 80 feet in the West Indies, having immense leaves with drooping habit, and long stems. 2 yr. 10c, \$1.00 per doz.; larger and stronger, 35c and 50c.

SEAFORTHIA. See *Pythosperma elegans*.

THRINAX argentea. * * **D.** Beautiful fan palm with deeply-cleft, silvery leaves. Nice plants, \$1.00.

T. barbadensis. * * **D.** Without doubt one of the handsomest of all small fan palms. A dwarf species with very slender trunk; leaves deeply cleft, almost circular, dark-green, on slender, graceful stems. Each specimen carries a full head of leaves and is always a beautiful object. One of the finest palms for house decoration and for florists' use. Small, characterized, 25c, \$2.50 per doz.; 15 to 18 inches tall, 50c; 18 to 20 ins., 75c; about 2 ft., \$1.00; about 2½ ft., \$1.50; about 3 ft., \$2.00.

T. excelsa. * * Small plants, 35c.

T. Morrisii. * * **D.** A new palm from the West Indies, exceedingly small when mature, not being over 2½ feet in height. Of slow growth and great beauty, this is very fine for small tables or for fern dishes. Nice plants, with character, 25c and 50c.

LARGE SPECIMEN PALMS: A few rare plants, priced on application.

For other choice decorative plants often listed with Palms, see Pandanus, page 33; Dracaena, page 33; Cordyline, page 32.

Collection A.—Five small Palms, good sorts, all different, by mail for 50 cents.

Collection No. 1.—Ten Palms, all different, in nice plants, sent by mail to any address for \$1.00.

Collection No. 2.—Ten Palms, in larger sizes than above, sent by mail for \$2.00.

Collection No. 3.—Five Palms, all different, showing character, and ready for immediate decorative effect, for \$2.50.

State whether wanted for outdoor planting or for pots. We will send a suitable selection.

Above offers are of Palms of **our choice only**.

As all Palms are pot-grown, they may be transplanted any time, or shipped **any distance safely**.

TESTIMONIALS FROM THE SOUTH.

Valdosta, Georgia—"The palms ordered from you have been received and I am perfectly delighted with them. They were in perfect condition. Thanking you for your prompt attention."

Mrs. K. G. TRUITT.

Orrville, Alabama—"The plants were received in good condition, and I thank you for the promptness in filling the order and for the fine sizes sent."

MISS AMANDA ELLIS.

Elkton, Virginia—"The fine box of plants so beautifully packed came in absolutely perfect condition. Each time I receive a consignment of plants from you I grow more enthusiastic. Your liberality in including so many extras, the evident care in meeting my wishes in sending certain specimen plants (almost trees in some instances) only goes to mark your firm as the fairest and finest in the business."

E. G. NICEWANER.

Winchester, Tennessee—"Your goods came to hand very nice and we are well pleased."

COMMERCIAL NURSERY CO.

Athens, Georgia—"Palms, ferns, &c., were received in good condition. They were nicely packed and looked as if they had never stopped growing. I wish to thank you for the liberal way in which you filled the order, the plants being much larger and more perfect than we had even hoped for, and we are grateful for the extras so generously added."

J. H. TATE.

Galveston, Texas—"Oleander plants were received in excellent condition; many thanks."

Mrs. G. D. MORGAN.

New Boston, Texas—"The fine plants came on the 19th and were the largest I ever saw; was surprised when the depot agent phoned to come with a wagon, as they could not be taken in a buggy. We surely thank you for such large plants; the express was reasonable and the box came so quickly. I enclose another order."

A. H. WELBORN.

Clinton, South Carolina—"The plants were received in perfect condition and we are well pleased. Thank you for your liberality, etc."

Mrs. B. H. BORN.

Dixondale, Virginia—"The box of plants shipped by you on Nov. 16th arrived last night (Dec. 1st, by freight) in beautiful condition. I am delighted with every one of them and am now getting up another order. Thank you for the beautiful selection of stock and prompt delivery."

Mrs. C. D. CLINTON.

Raleigh, North Carolina—"The plants arrived in excellent condition some days since. Thank you for the extra palms."

Mrs. G. W. LAY.

Lake Charles, Louisiana—"Plants arrived in perfect condition, not a leaf wilted, and I am very much pleased with same. Many thanks for prompt attention."

Mrs. H. PACKMAN.

Plantersville, Alabama—"Stock received promptly and same was perfectly satisfactory. Many thanks."

Mrs. W. S. DRISKELL.

VIII. Ferns and Selaginellas.

Varieties with the asterisk (*) are the more hardy sorts. Others should be kept from hard frosts, being tropical. Our list embraces a very choice collection and will be found quite complete. See special offers of collections of Ferns, at end of Department.

Ferns are becoming more generally grown as decorative plants for many special uses, as specimens for greenhouse or home, in groups in ferneries, and in fern-dishes for table decoration, etc. Most of the sorts we list can be grown into large specimens, for jardinières and hanging baskets, if desired, and will be found useful for shaded places, where other plants would fail. In house culture these should all be given some sunshine, if possible, daily. The less light they get the more frail and weak they become. Soil should be generally rather light, with leaf-mold, or very old, well-rotted manure. Too much manure is injurious, yet some sorts will be benefited with considerable added as a top-dressing. Concentrated fertilizers are not so well suited for Ferns as for more rank-growing plants. Ferns are nearly all pot-grown.

ADIANTUM hispidulum. A spreading, rather dwarf species, with narrow fronds, 25c.

A. hybridum. A splendid new species similar in style to cuneatum but has heavier and larger foliage; the finest sort known for florists' use for cutting, and also the best for amateurs in the South, growing well for everyone. A grand acquisition for house growth. Fine plants 15c to \$1.00.

A. lunulatum. A "walking fern" rooting at the tips of fronds. A small, graceful plant. 25c.

ALSO PHILA australis. Australian tree fern. Very fine long fronds, and with age develops a trunk sometimes 25 feet high. Strong young plants. 35c.

ASPIDIUM tsussimense. A fine dwarf fern for either single specimens or for filling fern-dishes. 25c.

A. thelypteris. A delicate native fern, with narrow fronds. 10c and 20c.

A. unitum-glabrum. * A common native fern, growing 2 to 3 ft. high. Very rank grower, with long fronds. 10c, 85c per doz.

BLECHNUM occidentale. A dwarf plant with rich-colored new foliage, of easy growth. 10c and 20c.

B. serrulatum. * Larger than the preceding species, this handsome native plant works in well, in large ferneries. Grows from 2 to 6 feet high. 15c.

CIBOTIUM Barometz. This belongs to the tree ferns but has no trunk. The broad, elegant fronds are very beautiful and lace-like, with a delightful fragrance at times. Of quick and easy growth, this is a very popular house plant. 10c to 50c.

CYRTOMIUM falcatum. The Holly Fern. This has dark-green, very broad pinnae and makes a fine specimen, up to 18 inches high. 25c.

DAVALLIA stricta. An exceptionally pretty fern, always well furnished with beautiful, lacy fronds. 25c.

D. filensis-plumosa. Fronds remarkably fine with a smooth, almost greasy appearance, and very dark green. Grows up about 18 inches high. 85c.

GYMNOGRAMME tartarea. The Silver Fern. Tall and vigorous, with white powder on under



Scott's Boston Fern.

surfaces of the fronds. Needs plenty of light and heat. 10c to 35c.

HEMIONITIS palmata. A very dwarf fern with broad palmate leaves, covered with a velvety down. 25c.

LASTREA sp. from Jamaica. A beautiful, vigorous plant of creeping habit, forming dense clumps about 18 inches high. 25c and 35c.

LYGODIUM scandens. * Japanese Climbing Fern. A rare thing—a real vine that happens to be a true fern. Grows up vigorously to a height of 10 to 15 feet and makes a mass of the most charming lace-like growth, admirable as a specimen plant or when cut for decorations. Very useful to the florist. 20c, \$2.00 per doz.

MICROLEPIA hispida. A rather dwarf plant not over 10 to 15 inches high, spreading rapidly, making good clumps. 15c and 25c.

NEPHRODIUM hertipes. Narrow fronds, with pinnae finely serrated. Reaches a height of two feet, making good clumps. Strong plants. 20c and 40c.

NEPHROLEPIS. The Sword Fern. The various species of this popular genus are the best-known house ferns, growing under adverse conditions well and giving satisfaction to all.

N. Amerpohlil. The "Lace Fern." A new form of the popular ruffled sword fern, with very broad fronds having exceedingly finely-cut subdivided pinnae, overlapping and giving a heavy, rich effect. A splendid new plant of the highest merit. Should be grown on a pedestal, or in a basket, that the fronds may droop over to best advantage. Fine plants. 15c and 25c.

N. cordata compacta. Stocky and dwarf, with beautiful dark-green leaves; a splendid plant. Fine plants 10c to 50c.

N. cordifolia. Something like the preceding but with longer fronds not usually so dark-green, and growing up to 2 feet high. A fine species of easy growth for baskets. 10c to 50c for fine plants.

N. davallioides furcans. The "Stag-Horn-Boston Fern." A grand decorative plant, with the ends of the fronds and pinnae curiously divided and crested. A magnificent subject for a jardiniere, growing up to 4 feet high and 6 feet across! Fine plants 25c to \$1.00.

N. Duffii. A tufted dwarf species with branched fronds, growing up to 2 feet high rarely. 25c to \$1.00.

N. exaltata. The Sword Fern of the Tropics, growing all around the earth. Formerly largely grown as a basket plant, but now superseded by the more popular variety, the Boston Sword Fern. 10c and 20c.

N. exaltata bostoniensis. The Boston Fern. Widely grown and a general favorite. A grand plant for general decorative use, always fine and beautiful. Good plants 10c to 50c.

N. exaltata cristata. The Crested Boston Fern. More dwarf than, but similar to the *N. Davallioides furcans* in general appearance. Rare and choice. 25c, 50c and 75c.

N. pectinata. Dwarf Sword Fern. This only grows up to about a foot high. Pretty and desirable. 15c and 25c.

N. rufescens tripinnatifida. The Ostrich Feather Fern. Elegant, long fronds four feet in length, finely cut, of a peculiar charming color when young. Grows more upright than most sword ferns, forming good specimens, adapted for general decorative use. Needs a warm,



The "Old Reliable" Boston Fern.



Adiantum hybridum.

light situation. Strong plants 15c to 50c.

N. Scottii. Scott's Compact Boston Fern. A good form of the sword fern with broader fronds and a greater number per plant than the common sort. Very choice. 15c to \$1.00.

N. superbissima. A new sort, entirely different from all other sword ferns. The leaves are dwarf and compact, the pinnae being crowded and overlapped. Is exceptionally dark green. 15c and 25c.

N. todeacoides. One of the best of the pretty ruffled sword ferns; fronds very fine and lacy, resembling *N. ameronii*, but not just the same. New. 25c.

OSMUNDA cinnamomea. * The Cinnamon Fern. A hardy native fern of very large size—3 to 5 feet—with fronds bearing spores, without any green foliage, coming up in the spring. 15c and 25c.

O. regalis. * The Royal Fern. This has broad, elegant, subdivided fronds of great beauty, growing up to 5 feet. 15c and 25c.

POLYPODIUM aureum. * The Golden Polypody. This has

broad, coarse fronds, and grows in the fiber on palmetto trees. Distinct. 20c

P. incanum. * **Resurrection Fern.** Small plant with short fronds 6 inches long, growing freely on rough-barked trees in Florida. In dry weather the fronds curl and look brown; in moist weather they uncurl and grow. 19c and 25c.

P. Phyllitidis. Our native **Hart's Tongue Fern.** Leaves simple, about 18 inches long by 2 inches broad, each plant well furnished. 25c.

POLYSTICHUM capense. A large fern; rare and beautiful. 40c.

PTERIS cretica albolineata. A low-growing plant with coarsely divided leaves striped with white. The best variegated-leaved fern we know. 25c.

P. marginata. A giant species. 4 to 7 ft. Very rare. 50c.

P. serrulata. A small tufted plant with slender, loose fronds with very long divisions. 15c.

P. serrulata cristata. This has crested ends on the fronds, making a pretty variation from the type. 15c and 35c.

P. Sieboldii. A fine fern for dishes and window boxes, rather upright, growing about a foot high; dark green. 15c and 25c.

P. Victoriae. A small plant, with foliage striped with white. Very pretty. 25c.

Selaginella. Club Moss. Very delicate fern-like plants, reminders of the pre-historic coal age. They need heat and moisture and very little sunlight. Fine for war-dian cases.

S. Braunii. Erect species with curving fronds a foot long. Very beautiful and interesting. 25c.

S. Schottii. A rank creeping sort with free growths a foot long. 10c.

S. uncinata. Rainbow Moss. A creeping specimen, lying very flat, the fronds showing peacock-blue and bronze tints. Fine for edging or tubs, baskets, etc. 10c and 25c.



Cut Fern Fronds, No. 1, *Nephrolepis dav. furcans*.

S. Vogelii. A fine erect species with leaves from 1 to 2 feet high, and showing bronze coloration at times. 25c.

S. Wildenowii. A giant creeping species; foliage colored like *S. uncinata*. 35c.

WOODWARDIA angustifolia. * A native creeping species with coarse leaves about 10 inches high. Distinct. 10c.

W. virginica. * A large fern found in the South generally. It is suitable for collections of hardy kinds. 15c.

No. 1 Collection of five strong Ferns, all labeled, for 40c postpaid. (Our selection only.)

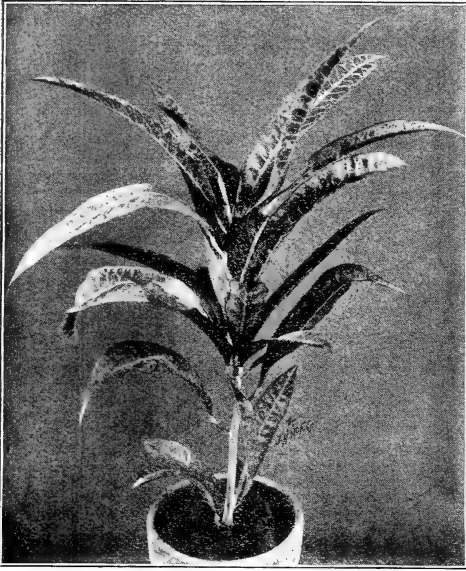
No. 2 Collection of ten Ferns, including some of the rarer sorts, all very choice sorts, all labeled, for \$1.00, postpaid. (Our selection only.)

No. 3 Collection of five Ferns in large size, of great decorative value, fine sorts, all labeled, \$1.25, postpaid. (Our selection only.)

No. 4 Collection of ten sorts, all different, suitable for a fernery, strong, showy plants, not labeled, for 75c, postpaid.

IX. Foliage and Decorative Plants.

Mostly tropical, suitable for greenhouses, the living-room, warm business offices, for bedding out in the summer at the North, or planting permanently in open ground in the tropics, and along our southern and western coast regions where only a slight protection from frost will be necessary. The surest method of protecting the stem and roots is to bank up with soil as high as one chooses, to keep out actual freezing; do this at the signs of the first hard frost and leave until growth starts in the spring. Nearly all are pot-grown, so may all be shipped any time of the year.



Croton Veitchii.

ACALYPHA Godseffiana. A dwarf species. Leaves broad, green, margined yellow, and suffused more or less with pink. 25c.

A. marginata. The largest sort in the genus growing in open ground up to 8 feet high. Fast growing. Leaves green, margined with varying shades of red, pink and cream. In cool weather is exceptionally gorgeous! 25c.

A. Miltoniana. Of medium growth, with narrow, cut leaves, green and cream-colored. 15c to 35c.

A. mosaica. Mosaic-leaved. A most gorgeous plant, foliage showing all shades of green, yellow and red, with curious markings. A fine plant. 15c to 35c.

A. tricolor. Resembling the preceding, but with regular foliage, mostly of a rich red effect. 15c to 35c.

ACHYRANTHUS. A well-known foliage plant, resembling Coleus. Purplish foliage. 10c, 85c per doz.

AMAGLYPTUS. A purple-leaved plant of trailing habit. Fine for baskets or as a cover plant. 10c, 75c per doz.

ARALIA elegantissima. Palmate, deeply divided leaves of a brownish-green color. 50c.

A. filicifolia. A fine shrubby plant, growing up to 8 feet high. Valuable in all sizes. Foliage fern-like, exceedingly attractive. 25c and 50c.

A. Guilfoylei. A handsome species with compound leaves which are variegated green, white and cream. Very showy for both pots and bedding. 15c to 35c.

ARDISIA crenulata. A half-hardy, broad-leaved shrub, bearing a profusion of scarlet berries which last for months. Fine for Christmas decorations. 1 yr. 15c, \$1.25 per doz.; 2 yr. 25c.

A. crenulata alba. Berries white; when old they turn pink. 1 yr. 10c, 85c per doz.; 3 yr. 25c.

A. Pickeringii. Our native **Spiceberry Bush.** A pretty shrub with broad, simple leaves, bearing

black berries of pleasant flavor. Nice plants 25c to 50c.

A. polycephala. Resembles the preceding species somewhat. 25c. Bearing plants, 50c.

ASPARAGUS plumosus. A very fine, fern-leaved, climbing plant, particularly adapted for bouquets and all cut-flower work, etc. Lasts for days without water. May be grown outdoors in Florida and warm regions. A fine pot-plant for any climate. 15c and 25c.

A. species Natal. A vigorous climber, with attractive foliage; and flowers in appearance and scent like the "Madeira Vine." Rare and new. 25c and 50c.

A. Sprengeri. One of our introductions from South Africa in 1888. Indispensable to every florist. The plant is best grown in baskets or on pedestals, so the long shoots may hang. A grand plant in any size. 10c to 50c for strong stock.

ASPIDISTRA lurida. A grand old decorative plant from Japan. Leaves broad and canna-like, slightly variegated with white. If grown (as it may be safely) in a shaded place continually, it has more white variegation than when in full sunlight. Grows about 18 inches high. 50c and \$1.00.

CARLUDOVICA palmata. The **Panama Hat** plant. Resembles a palm, but has no trunk. Leaves palmate. A very decorative plant, reaching a height of about 4 or 5 feet. Fine young plants 25c, \$2.50 per doz. Larger, 50c, \$5.00 per doz.

CODIAEUM variegatum. **Crotons.** Splendid shrubby plants with variegated foliage, both narrow and broad, requiring plenty of heat and moisture. No other genus of decorative plants can furnish such a variety of color. Grand plants for bedding out, and for growing in pots or tubs. Mixed plants not labeled, small, all different. 10c, \$1.00 per doz.; larger, 6 to 14 inches high, 15c, \$1.50 per doz.; better, 25c, \$2.50 per doz.

Amabile. (Sometimes called *Variabilis*.) Broad-leaved, of slow growth, very highly colored, showing pink, purple, green and yellow. 50c.



Croton picturatum.

**Asparagus Sprengeri.**

Angustifolium. Very narrow-leaved; green and yellow. 25c.

Andreanum. Broad-leaved, high color; orange, pale-yellow, etc. 50c.

Aucubaefolium. Broad and short in leaf; green with yellow dots and bronze under surface. 25c.

Aureo-maculatum. Very small and narrow foliage; green, spotted yellow. 25c.

Cooperii. Leaves yellow, veined and blotched, changing to red. 15c and 25c.

Cornutum. Leaves narrow, wavy-margined, dark green, mottled yellow, midribs projecting at tips. 25c.

Dermannianum. Small but broad leaves, bronze red, green and yellow. 25c.

Disraeli. Trilobed leaves of various shades of yellow and pale green; edges red. 35c.

Evansianum. Leaves three-lobed, veined yellow and mottled yellow, bronze and orange. 15c to 35c.

Fasciatum. Leaves obovate-elliptic; green, blotched yellow; petioles pink. 35c.

Grayii. Something like Majesticum. 25c and 35c.

Hawkeri. Medium narrow leaf, mostly yellow. 25c.

Interruptum. Purplish-green above, with twisted midrib; broad-leaved. 15c and 25c.

Irregulare. Medium broad, rather oblong, shining green with yellow blotches and midrib. 25c.

Johannis. Long, narrow leaves; green, ribbed and margined yellow. 15c and 25c.

Maculatum-Katoni. Broad, three-lobed leaves, green with circular yellow spots. 25c.

Majesticum. Leaves narrow and long, mottled green and yellow, shaded crimson. 25c.

Makoyanum. Broad-leaved, with chocolate and carmine markings. 25c.

Maximum. Large, broad leaves, cream-colored and green. 25c and 50c.

Morti. Broad, long leaves, green and yellow. 25c.

Nobile. Broad-leaved, green and yellow. 25c.

Number Two (as previously catalogued.) Rather narrow leaves, something like *Irregulare*, but with the colors of *Veitchii*. Leaves are curiously divided, having hanging tips. 25c.

Picturatum. Narrow, long leaves, green, carmine, yellow, orange, etc. Very rich-colored. 15c to 50c.

Queen Victoria. Broad leaves, beautifully colored green, yellow, magenta and crimson. 25c. and 35c.

Regina. Broad, short leaves; crimson, brown, green and yellow. 15c and 25c.

Splendens. Broad leaves, yellow and dull red on a green ground. 25c.

Stewartii. Broad leaves, yellow, green and red. 15c and 25c.

Tortilis. A curious twisted and curled-leaved sort marked red and green, with a touch of yellow. 35c.

Veitchii. Broad-leaved, green, pink and crimson. 15c and 25c.

Volutum. Medium broad, curled leaves. Green, with occasional colored midrib, or a series of leaves clear yellow. 25c.

COLEUS. The unequalled bedding foliage plant. Also useful for window and porch boxes, etc. A good variety of colors and kinds. Fine plants 10c, 85c per doz., \$5.00 per 100; large plants, 15c, \$1.50 per doz.

CORDYLINE Guilfoylei. (Dracaena.) Of medium size and quick growth. Leaves light green, suffused with creamy yellow and pink in cool weather. 15c to 75c.

COSTUS speciosus. A curious spiral flag, with orange-colored flower heads. Makes a good shrubbery plant in open ground here. 50c.

CROTON. See *Codiaeum*.

DIEFFENBACHIA nobilis. A fine evergreen resembling a dwarfed *Musa*, with broad leaves profusely blotched with creamy white. Needs heat and moisture. 15c and 25c.

**Panax plumatum.**

DRACAENA fragrans. A large sort with heavy green foliage, which gives a tropical effect. 25c. and 50c.

For other species see Cordylinae.

DRACONTUM asperum. A rare aroid, with a single pertuse leaf. 50c.

EUPHORBIA sanguinea. A shrubby plant with broad, pointed leaves of a rich, bronzy-red, or purple. 25c, \$2.50 per doz.

FICUS altissima. This is catalogued by a few prominent European firms as *F. Chauvierii*. A magnificent new rubber plant of our introduction from India. Large roundish-oblong leaves, with prominent veins. A fine specimen plant in all sizes. Beautiful plants 40c to \$1.00.

F. elastica. See also Dept. III. Fine plants 40c to \$1.00.

F. Parcelli. A thin-leaved shrubby tree with finely variegated leaves; fruit (which does not mature usually) also variegated. 50c.

FITTONIA argyoneura. A trailing plant with broad leaves showing a network of white veins. 15c.

GREVILLEA robusta. See also Dept. XV. Fine plants 10c to 50c.

GYNERA aurantiaca. "Velvet Plant." The stem and leaves are covered with glistening purple hairs—highly colored. 25c.

HELICONIA Lehmanni variegata. A stocky, broad-leaved plant somewhat resembling a miniature banana, with leaves striped with creamy yellow, and having yellow stems. 50c to \$2.00.

JACOBINIA sp. Broad leaves, variegated with silvery white; of rather slow growth. Rare. 25c.

NEPHTHYTIS liberica. A quick-growing climber, with fleshy stems, like *Philodendron* in habit, having tri-lobed leaves. 20c.

N. triphylla. Resembling the preceding but having leaves variegated with white. Fine. 25c.

PANAX aureum. This and following species allied to *Aralia*, which they closely resemble. A fine foliage plant growing up to several feet high, but useful when small. Compound leaves highly colored with yellow. 25c to 50c.

P. excelsum. Foliage very finely cut. Makes a fine, bushy plant of elegant appearance. 25c to 50c.

P. plumatum. This has fern-like leaves and is of quicker growth than most others. The foliage is grayish-green, with suggestions of white in it. 25c to 50c.

P. species. A new, green-leaved sort, with very pretty, serrated foliage of distinct character and good habit. 25c to 50c.

P. Victoriae. This has more white in the foliage than most variegated plants and is a

splendid decorative plant in every size. 25c and 50c.

PANDANUS odoratissimus. Plain green leaves; plant very large and tropical looking. 25c. and \$1.00.

P. utilis. The well-known **Screw Pine**. Resembles a pineapple plant when small, having leaves with small red spines along the edges. A very symmetrical and handsome plant suitable for vases, etc. Beautiful plants in several sizes; small, 15c; 10 to 12 inches high at 25c; 12 to 18 inches high, 50c; 18 to 24 inches high, 75c; about 2½ feet, \$1.00.

P. Veitchii. Leaves beautifully striped with white. A magnificent plant. Fine plants of decorative sizes. 50c to \$2.00.

PHYLANTHUS nivosus var. roseo-pictus. (*Breynia*.) **Snow Bush.** Shrub with loose, rather wiry branches, somewhat zigzag. Leaves compound, mottled with white and pink. A splendid plant for low hedges, borders, etc., or as a single specimen. The coloring is very fine, especially in hot, wet weather. About a foot high 15c, \$1.50 per doz., \$10.00 per 100; 2 to 3 feet high, 25c, \$2.50 per doz., \$18.00 per 100. (All pot-grown.)

POINSETTIA pulcherri- ma. The **Poinsettia**. Now well known and generally grown by florists for decorating from November till March. The great scarlet bracts from 6 to 12 inches across remain vivid for many weeks. A great plant for warm countries. 20c, \$2.00 per doz. (Write for prices in large quantities.)

Double Flowered Poinset- tia. 35c.

POTHOS aurea. A clinging aroid plant with heart-shaped leaves, 6 to 8 inches across, green and golden yellow. Fine! Strong plants 15c.

RAVENALA madagascariensis. The famed **Travel- ler's Tree**. Has a trunk like a palm, with two ranked leaves which resemble banana leaves, but are heavier. A very striking object. 75c.

SANSEVIERA. See Dept. III.

SANCHEZIA nobilis glaucophylla. A fine greenhouse shrub from Ecuador. Leaves glaucous-green, with yellow nerves. 15c and 25c.

STRELITZIA augusta. Small plants 50c.

TALINUM patens variegatum. A fine bedder with almost pure white foliage and interesting little pink and yellow flowers. Grows a foot or more high. 10c, \$1.00 per doz. Larger, 20c, \$2.00 per doz.

TRADESCANTIA discolor. This resembles an agave; leaves green on the upper, rich purple on under surfaces. Fine for vases either in shade or sunshine. 25c.

ZEBRINA pendula. The **Wandering Jew**. A creeping plant, fine for baskets or for covering large surfaces. Foliage green and purple. 5c. Sufficient for small basket, 10c.



Ficus altissima.

COLLECTION D. Five choice foliage plants, our selection, all labeled, sent postpaid, for 50c.

COLLECTION DL. Ten choice foliage plants our selection, all labeled, sent postpaid, for \$1.00. See Index for plants you are hunting for at the back of this book.

X. Tropical Flowering Plants and Shrubs.

Suitable for the greenhouse, living-room, warm offices, the tropics, Gulf and warm coast regions of the United States from South Carolina around to upper California, with slight protection in the coldest parts. Protect from freezing by banking stems liberally with soil at signs of first hard frost. The tops will be lost but shoots will come again in spring. Nearly all plants in this section are pot-grown and may be transplanted at any time of year.

ACALYPHA Sanderi. Chenille Plant. Broad green foliage, with bright red flower spike like a cat-tail up to 2 feet long, from axil of every leaf. The plant grows up to 10 ft. high, but blooms when very small, and forms a strikingly brilliant picture. 15c and 25c.

ACOKANTHERA spectabilis. Winter Sweet. Splendid evergreen shrub from South Africa, with broad leaves, and flowers in a dense spray 2 ft. long; very fragrant. \$1.00.

ALLAMANDA nerifolia. A choice bush: flowers golden-yellow, freely produced, bell-shaped, about 2 inches across. 25c.

ALPINIA nutans. Shell-Flower. A lily-like plant growing 4 to 6 ft. high, with gorgeous orange, yellow and white flowers. 35c.

ARTOBIUM odoratissimum. The False Ylang-Ylang, or Cinnamon Jasmine. A choice flowering shrub, semi-climbing in habit, with broad glossy leaves, bearing yellow flowers delightfully scented with the fragrance of ripe bananas and pineapples. The fruit is also highly fragrant but unedible. Fine plants. 3 yr. 40c, \$4.00 per doz.

BAPHIA racemosa. An erect shrub, with leathery leaves and large racemes of white pea-like flowers, the standard petal marked with purple veins. 25c.

BAUHINIA. Mountain Ebony. An extensive genus of tropical plants, creepers, shrubs and trees. These we offer, however, are all desirable subjects for planting in warm regions for their beautiful flowers and interesting evergreen foliage.

B. alba. A tall shrub, or small tree, blooming in early spring. Large, pure-white flowers 3 to 4 inches across in profusion. 2 yr. 25c, \$2.50 per doz.

B. furfuracea. A new, thorny shrub, with cream-colored flowers in summer. 35c.

B. Krugii. A shrub with racemes of large pinkish-white flowers spotted with purple. From Porto Rico. 50c.

B. purpurea. One of the most showy flowering shrubs or small trees, we ever saw. The flowers, which come freely in early spring, continue opening for weeks and are about 3 inches across, resembling a costly orchid in color and shape. The color at a distance is deeply lavender, but an examination will reveal tones of mauve and purple, with a touch of white. It is magnificent. Fine 1

year old 15c, \$1.50 per doz.; 2 year 25c, \$2.50 per doz.

B. tomentosa. The St. Thomas Tree. A fine small tree with charming yellow flowers. 25c, \$2.50 per doz.

B. variegata. A very fine species resembling *purpurea* but flowering in autumn. Flowers pink and very attractive. The large two-lobed leaves are very peculiar, closing at night. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.

BEGONIA. A giant unnamed green-leaved species from Cuba. The white flowers are borne on stout stems above the foliage, 4 to 6 ft. high. 25c.

BOHEA amherstiana. Canary Island shrub. 35c.

BRUNFELSIA americana. A West Indian shrub, 4 to 6 ft. high, with broad evergreen leaves, and very fragrant yellow flowers which turn white in aging. 35c.

CAESALPINIA Nagu. From Luzon, P. I. "A very attractive and sweet scented, flowered scandent shrub." New and rare. 50c, \$5.00 per doz.

C. pulcherrima. Dwarf Poinciana or Barbados Flower Fence. A grand shrub for warm countries, or adapted to bedding out in summer in the North. Foliage compound, very tropical in appearance; flowers in great terminal spikes of the richest red and yellow imaginable. The fine foliage alone would be well worth planting for, but the flowers are unique and exceedingly bright. Fine plants 15c, \$1.50 per doz.

CALPURNIA lasiogyna. A fine shrub with compound leaves; flowers something like the pea, in large drooping spikes of the richest yellow. 35c.

Strobilanthes isophyllus.

CESTRUM aurantiacum. A medium-growing shrub, with rich lemon-yellow to orange-colored flowers in terminal panicles. Very attractive. Flowers in spring. 25c.

C. diurnum. The "Day Jessamine." A quick-growing, large shrub, producing quantities of small, white flowers at intervals through the year, valuable for cut flower work. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c.

C. elegans. Flowers rose-pink and carmine. Very choice. 25c.

C. nocturnum. Night-blooming Jessamine. Small, greenish-yellow flowers produced at intervals through the year in prodigious numbers, overpoweringly fragrant. 15c and 25c.

CLERODENDRON foetidum. A small shrub, with opposite, coarsely-toothed leaves, and lilac-purple flowers borne in dense capitate corymbs. From China. 25c.



CORDIA Sebestena. Sebesten Plum, or Geiger Tree. A very beautiful shrub or small tree, with large, rough leaves, and immense, flaming trusses of flowers. Blooms at 3 yrs. of age. 1 to 2 ft. 25c; 2 to 4 ft., 35c.

CROSSANDRA undulataefolia. A salmon-yellow flowered shrubby plant. Splendid new introduction. 25c.

CUPHEA micropetala. (Parsonsia.) A shrubby plant form 3 to 4 feet high; narrow, small leaves; small tubular flowers continually borne, scarlet and yellow in color. Quite showy. 25c, \$2.50 per doz.

DOMBEYA spectabilis. A tall shrub with straw-colored and pink flowers. Rare and new. 35c.

D. Wallichii. Very beautiful pink flowers in an enormous head, closely set. Foliage large and velvety. New. 50c.

DURANTA Plumieri. Golden Dew-drop. Delicate lilac flowers in racemes followed by closely-set yellow berries which hang on for a long time, and are very ornamental. Bushy. 1 yr. 15c; 2 yr. 25c.

ERANTHEMUM pulchellum. Grows about 4 feet high; dark-blue flowers in spikes, produced in winter. 15c, \$1.50 per doz.; larger 25c, \$2.50 per doz.

ERYTHRINA Poeppigiana. New introduction. 50c.

E. species. One of the "Coral Trees." 25c and 50c.

GALPHIMIA nitida. A small, bushy plant from 3 to 4 feet high; leaves small with spikes of small starry yellow flowers continually blooming. 15c, \$1.50 per doz.

GLYCOSMIS pentaphylla. A near relative of the orange, with broad evergreen leaves of a glossy green; berries freely borne several times a year are about half an inch across, salmon-pink in color and are sometimes eaten and preserved. 20c, \$2.00 per doz.; 3 yr., 50c; 4 yr., bearing size, 75c.

HIBISCUS rosa-sinensis. Chinese Hibiscus. Very valuable shrubs for warm regions, etc.; well known. We have a good stock of following sorts: Single Scarlet, Single Pink, Single Salmon, Versicolor (single), Double Scarlet, Double Pink, Peachblow (double pale pink.) Strong plants 15c, \$1.50 per doz. A few larger of Double Pink and Single Salmon at 25c, \$2.50 per doz.

IXORA amboina. Dwarf shrub with broad evergreen leaves and showy orange-yellow flowers, which last a long time. 50c.

JACOBINIA coccinea. Grows 4 feet high. A fine bedder with deep scarlet flowers in spikes, blooming constantly. 10c, \$1.00 per doz.; larger 15c, \$1.50 per doz.

J. species. Flowers yellow. Grows up to 5 feet. 20c.

JASMINUM Sambac. Arabian Jessamine. Flowers single, very fragrant, pure white, almost an inch across. Plant is shrubby or scrambling. Flowers constantly. Very fine plants 10c, 15c and 25c.

J. "Grand Duke." A very double flowered Jessamine; the blooms are frequently 2½ inches wide, and intensely fragrant. Foliage is dark-green and shining. 25c.

J. "Maid of Orleans." Semi-double flowers, 1¼ to 2 inches wide, very fragrant and constantly in flower. Fine. 10c, 15c and 25c.

KOPSIA species. Shrub, related to oleanders, with white or pink flowers. Very ornamental. 25c.

LASANDRA macrantua. Royal purple flowers 2½ inches across. 35c, \$3.50 per doz.

MABA natalensis. Much-branched with glossy, evergreen leaves, and quantities of shining black fruit holding for a long time. Large plants, 35c.

MACKAYA bella. A fine shrubby plant of easy growth here, flowering in spring. Flowers in racemes, pale lilac, about 2 inches long. Large plants 15c and 25c.

MEYENIA. See Thunbergia.

MURRAYA exotica. "Orange Jessamine." A grand shrub; leaves compound; flowers resembling orange blooms, coming several times a year. Very useful to the florist. Large plants 2½ to 4 ft 50c, \$5.00 per doz.

ORMOSIA dasycarpa. The Necklace Tree. A large shrub; pinnate leaves; large blue flowers in June. 50c.

OXYANTHUS isthmia. A splendid flowering shrub similar to the following but with larger calyces and possibly more fragrance. New. 50c.

O. Natalensis. Related to Gardenia; with large, glossy leaves and elegant flowers in racemes. 50c.

PITTOSPORUM viridiflorum. Flowers greenish-yellow, jessamine scented. Large plants, 25c and \$1.00.

PLUMBAGO capensis. Flowers sky-blue, constantly in bloom. Charming old plant. 25c.

PLUMIERA acutifolia. One of the West Indian Frangipanis. Leaves large, flowers white

with lemon-yellow center, faintly sweet. 40c to \$1.00.

P. alba. The famous white Frangipani. Flowers in bunches, very sweet; shrub semi-deciduous, 50c and \$1.50.

P. tricolor. Flowers with yellow throat, white above the yellow part and red around margins of segments, blooming in summer and autumn. 50c.

RENEALMIA species, Porto Rico. Related to Alpina. Flowers yellowish in scarlet bracts which remain indefinitely. 35c.

RUSSELLIA iuncea. Fountain Plant; or Coral Flower. Has a wiry mass of foliage, with scarlet tubular flowers. 15c.

STEMMADENIA bella. A large shrub, or small tree, from lower Mexico. Leaves large, evergreen; flowers pure white in great clusters freely borne. Grand! 25c and 40c.

STROBILANTHES anisophyllus. A small bush with narrow leaves producing countless light-blue flowers in very early spring. A fine pot plant also. 10c, 25c and 35c.

S. isophyllus. Not so bushy as the preceding but bearing constantly, single purplish-blue flow-



Tabernaemontana coronaria, fl. pl.

ers, about 1¼ inches across. 10c, 85c doz.; large 15c, \$1.50 doz.

TABERNAEMONTANA coronaria, fl. pl. **Crape Jessamine**, or **Rose Bay**. Large, pure white, scented, double flowers produced at intervals. Leaves glossy, broad, evergreen. 15c and 25c.

T. "grandaifolia." A heavier plant than the preceding, equally fine, 25c.

T. species Cashmere. A beautiful shrub flowering constantly. The blooms are single white, with a yellow dot in the centers, about 2 inches across, not scented. 15c and 25c.

TECCOMA stans. Yellow Elder. A glorious shrub, or small tree with age, having handsome compound leaves and splendid rich yellow fragrant flowers in great clusters, profusely borne in autumn. 15c, \$1.00 per doz.

COLLECTION TS. Five plants from this section, our choice, sent postpaid, for 50c.

COLLECTION TSI. Ten plants, our choice, some rare species, sent postpaid, for \$1.00.

See Index for any plants you are hunting for, and par. 14, page 2, for discounts.

XI. Hardy and Half-hardy Flowering Plants and Shrubs

Such as will stand the winters of the lower South without injury, or, if damaged by freezes, will come up again in the spring vigorously. Those marked **P** are pot-grown and may be transplanted at any time; the others should only be set in cool weather—say from November till March.

AZALEA indica. P The well-known Indian or Chinese Azalea grown so largely for Easter decorations. Some beautiful plants with heads from 12 to 14 inches across, very dense; will bloom profusely this winter in Double White, Double Pink and Double Red. At \$1.00.

BUXUS sempervirens.. P Dwarf Tree Box. Used for edging or dwarf hedges. Nice plants 15c, \$1.50 per doz., \$10.00 per 100.

CALYCANTHUS floridus. Sweet shrub. Deciduous. 2 yr. 15c, \$1.50 per doz.

CAMELLIA japonica. P The magnificent **Camellia** (or commonly called "**Japonica**"), so well known over the South. Flowers in winter and early spring. Fine, imported, bushy plants, very strong, 16 to 24 inches high; double white and a variety of colored sorts, \$1.00 to \$1.50.

CITRUS trifoliata. This hardy member of the orange tribe is well worth growing as far North as the Great Lakes for its wealth of flowers and green twigs in winter. See Dept. II.

DAUBENTONIA punicea. A leguminous shrub allied to *Caesalpinia*, of very quick growth. Leaves compound, deciduous; flowers orange-scarlet freely borne during most of the warm weather. Very gorgeous. Strong stock. 25c, \$2.50 per doz.

DEUTZIA crenata. A fine spring flowering, deciduous shrub, double pink in color. Fine. 1 to 2 ft. 15c, \$1.50 per doz.; 2 to 4 ft. 25c, \$2.50 per doz. 4 to 6 ft. 35c.

Double White. Same sizes and prices.

THEVETIA nerifolia. **Trumpet Flower.** Flowers bell-shaped, yellow or salmon, about 2 inches across. Foliage long and very narrow. A fine large shrub. The seeds are known by sailors as "lucky seeds." Fine plants 15c and 25c.

THUNBERGIA erecta. (Meyenia.) Gloxinia-like flowers of the brightest blue, 2 inches across, flowering almost constantly. Very fine. Large plants 10c and 25c.

T. erecta alba. Flowers white, with yellow throat. 10c and 25c.

TRIPLASIA monophylla. From Timor. Berries black, and leaves simple; the flowers inconspicuous. A dwarf shrub, related to the orange tribe, of considerable interest; stands some frost. 2 yr. 15c, \$1.50 per doz.; large, 50c and 75c.

EUONYMUS japonicus. P Hardy shrub, with evergreen, glossy leaves, used for hedging. 3 yr. 25c, \$2.50 per doz.

E. japonicus argenteus. P Leaves variegated white and green. 25c, \$2.50 per doz.

GARDENIA florida. P The Cape Jessamine. Nice plants 25c.

HYDRANGEA

Otaksa. P The best for general growth. Flowers in very large, round heads, pink or blue. 15c.

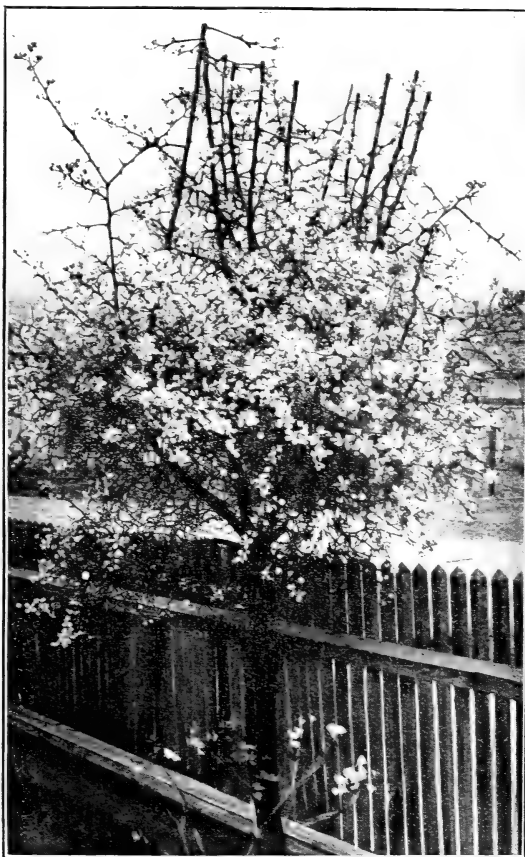
H. Thomas Hogg,

P A pure white Hydrangea. 15c and 25c.

JASMINUM humile. P A hardy yellow-flowered shrub of large size. Very valuable. The scented flowers in clusters come in early spring. 25c.

J. primulinum. P A new species; foliage small and pretty; flowers yellow, as large as a half-dollar, opening flat, scented, blooming in long sprays in winter. An exceedingly valuable small shrub. We have plants both in pots and open ground at 25c, \$2.50 per doz. Extra large, 35c., \$3.50 per doz.

LAGERSTROEMIA indica. Crape Myrtle. Too much cannot be said in praise of this beautiful deciduous Indian shrub. The masses of flowers are profusely borne from spring until autumn, on small as well as large plants. A splendid plant for bedding out in the North even, where it gives perfect satisfaction. Grand for hedges, single specimens, or masses, in general Southern planting. We have it in three shades of color: **Carmine, Light Pink and Purple.** 1 yr. old, 1 to 2



Citrus trifoliata, Showing the Wealth of Bloom.

feet high, 10c, \$1.00 per doz., \$6.00 per 100; 2 yr., 2 to 4 ft., 20c, \$2.00 per doz., \$12.00 per 100; 4 to 6 ft., 30c, \$3.00 per doz., \$20.00 per 100; 6 to 7 ft., 50c, \$5.00 per doz., \$35.00 per 100.

LEONOTIS Leonurus. **P** **Lion's Tail.** A quick-growing, shrubby plant with soft foliage and queer, heavy, tufted spikes of orange-yellow flowers. 25c.

LIGUSTRUM amurense. **P** **Amoor River Privet.** A white-flowered shrub, evergreen and hardy, used largely for hedges. 1 yr. 10c, \$1.00 per doz., \$6.50 per 100. Extra large 15c and 25c.

L. ovalifolium variegatum. **P** This is variegated with yellow. A very fine evergreen suitable for large planting in many places. Large pot-grown stock 15c, \$1.50 per doz. Extra large 25c, \$2.50 per doz.

Write for special rates on quantities of all Privets.

MICHELIA fuscata. (Magnolia fuscata.) **Banana Shrub.** Fine broad-leaved, hardy shrub. The brownish-yellow flowers are about an inch across, richly scented like ripe bananas, coming in spring. 35c and 50c.

NERIUM Oleander. The famous Oleander. A splendid subject for tall hedges, masses, or single specimens in the Lower South, as well as for tubs at the North. Our collection is unequalled in the South. The following named sorts are the most hardy, standing much more freezing than the others: **Carneum**, Frederick Guibert, Double Cream, Dr. Goffin, Mons. Belaquier, Savort, Single White, Mme. Peyre, DeBrun, Mrs. F. Roeding. An exceptionally tender sort is **Single Pink**. We have upward of 50 sorts being tried out. Prices, except when noted, 1 yr. (mostly 12 to 18 inches high) 15c, \$1.50 per doz.; 2 yr. (mostly 2 to 3 ft.) 25c, \$2.50 per doz.; 3 to 4 ft. 35c, \$3.50 per doz.; 4 to 5 ft. 50c, \$5.00 per doz.

ATROPURPUREUM plenum. Double, purplish crimson, with occasional white stripe. 1 yr. 25c. **Carneum.** Single; flesh with pink lines in throat; very floriferous. All sizes.

Debrun. Double carmine, with occasional white streaks. 35c.

Double Cream. Flower rather small but very attractive. 25c.

Dr. Goffin. By mistake the variety previously listed as Mme. Sarah Bernhardt is this fine sort. Magnificent single flower; white inclining to pink center streaked light crimson. New. 35c.

Frederick Guibert. Single flowers; light pink with crimson throat. All sizes.

Lillian Henderson. Pure white, double, medium-sized flowers. 1 yr. only.

Madonna grandiflora. Pure white, double, large sized, very fragrant. 1 yr. and 2 yr.

Mme. Peyre. Double, creamy yellow, with darker center usually of a pink tinge. 25c.

Mons. Belaquier. A good grower, with immense trusses of single pale pink flowers. 2½ inches across. 1 yr. 25c.

Mrs. F. Roeding. Splendid double, bright pink, color of LaFrance rose; very fragrant. Petals frequently fringed. 1 yr. 25c.

Savort. Double, small flower, pale-pink; very fine. All sizes.

Single Cream. Flowers rather small. 1 yr. and 2 yr.

Single Pink. Shell-pink color; very large trusses; scented. A grand sort. All sizes.

Single White. A most hardy sort, blooming very profusely. Fine. 1 yr. and 2 yr.

Splendens. The old-fashioned, double, pink variety. A splendid large flower, sweet scented. All sizes.

Splendens variegatum. Flowers double pink; foliage white and green, very attractive. 25c.

OSMANTHUS fragrans. (Olea fragrans.)

Sweet Olive. Broad leaved hardy evergreen with tiny flowers of exquisite perfume, coming in winter and spring. 50c.

PHILADELPHUS coronarius. **Syringa**, or **Mock-Orange.** A hardy, deciduous shrub. Flowers large, pure white, freely produced in spring. Fine. 2 yr. 25c, \$2.50 per doz.

PITTOSPORUM Tobira. **P** Well-known Japanese evergreen, with creamy flowers in March. Used largely in hedges, masses and clipped trained specimens. Fine pot-plants, all bushy. 18 to 24 inches high, 25c, \$3.50 per doz.; 4 ft. high, 75c, \$7.50 per doz.

P. Tobira variegata. **P** A rare form. 35c.

PRUNUS caroliniana. **P** **Carolina Laurel Cherry.** A splendid broad-leaved evergreen with small, fragrant, white flowers and black fruit. Fine for hedges and general planting. 1 yr. 10c, \$1.00 per doz., \$6.00 per 100; 3 yr. 16 to 20 inches high, bushy, 25c, \$2.50 per doz.; 3 to 4 ft., 35c, \$3.50 per doz.

RAPHIOLEPIS indica. **P** A fine evergreen shrub. 25c.

R. ovata. **P** Broad-leaved, dwarf shrub with trusses of pink or white flowers. 25c.

THE ROSE is at home in the South, where we can produce flowers of all kinds nearly the year around. Here in Florida there is not a day in the year but some roses may be gathered, but high culture must be followed; fertilizer should be applied three to six times per year and the soil kept moist for two feet deep constantly. Enough pruning in the climbers and teas should be done to keep them free from old wood. Hybrid Remontants should have the stem cut off at the

ground when gathering flowers, to induce a vigorous supply of flowering shoots from the base. Most of our plants are grafted or budded on marnetti stocks. Set roses deep and don't allow sprouts from the roots to choke out the weak growers.

Climbing Roses here listed need not necessarily be trained as climbers. By keeping in bush form with judicious pruning you will find them more floriferous and satisfactory than most "bush" roses. For other hardy climbing roses, see Dept. XIII. 30c, \$3.00 per doz., except where noted.

Agrippina. Bengal. Rich scarlet, always in flower.

Anemone. The new **Pink Cherokee.** A grand new rose; very strong climber. Flowers single, satiny rose pink.

Antoine Rivoire. Hyb. Tea. Flowers large, peach-flesh color with deeper shading.



The Crape Myrtle.—An Indispensable Shrub.

Bon Silene. Tea. An old favorite. Deep carmine crimson buds; open flower pink.

Boule de Niede. H. N. Small white flowers, very full, and freely produced.

Bride. Tea. Pure white elegant flower, but a weak grower.

Climbing Bridesmaid. Tea. Rose pink, very double; beautiful in both bud and open flower.

Climbing Clothilde Soupert. Polyantha. Medium-sized flowers, freely borne; very double, pale-pink.

Climbing Devoniensis. Tea. The famous Magnolia Rose. Creamy-white, tinged blush.

Climbing Malmaison. Bourbon. Flowers flesh pink, shaded fawn; large, very full; flat.

Climbing Meteor. Noisette. Bright carmine-red; very fine.

Climbing Wootton. Hyb. Tea. Rich, rosy crimson; a grand color.

Chromatella, or Cloth of Gold. Noisette. Deep yellow, large flowers.

Captain Christy. Hyb. Tea. Delicate, flesh pink, rosy center. Very large size usually.

Crimson Rambler. Polyantha. Small, bright rosy crimson, in great clusters. Not an ever-bloomer.

Duchess de Brabant. Tea. Shell-pink, shaded carmine. A splendid, free-flowering, vigorous sort.

Frau Karl Druschki. H. P. The ideal white hardy rose for the U. S. generally. A superb large flower.

Gen'l. Jacqueminot. Hyb. Remont. Brilliant crimson; large and fragrant.

Gloire Lyonnaise. Hyb. Remont. Creamy-white, shaded lemon. Large and fine. Thornless.

Gross an Teplitz. Hyb. Tea. The "reddest of all red roses." Crimson-scarlet. Very fine and free flowering.

Gold of Ophir. Noisette. Pale yellow, deepening to coppery red, but variable. Very free.

Helen Gould. Hyb. Tea. Glowing carmine with long buds.

Isabella Sprunt. Tea. Creamy yellow, semi-double, with pointed buds.

James Sprunt. Bengal. A great climber, with flowers of richest cherry-red, very double.

Killarney. Hyb. Tea. A showy large flower; pink; buds pointed.

Lamarque. Noisette. A vigorous climber, white, sulphur-yellow center. Fine.

Louis Philippe. Bengal. A good, thrifty rose. Crimson, with long stems.

Mme. Caroline Testout. Hyb. Tea. Clear, satiny pink, large and globular. Very fragrant.

Mme. Franciska Kruger. Tea. Pink, center suffused with pale yellow. Very double and free-flowering. Fine.

Magna Charta. H. Remont. Clear rosy red; flowers freely in spring; hardy.

Maman Cochet. Tea. A very choice rose; style like Bridesmaid. Pink, with suffusion of yellow at base of petals.

Marechal Niel. Noisette. The great favorite in the South. Rich yellow.

Margaret Dickson. H. Remont. A hardy white rose, quite fragrant.

Marie Van Houtte. Tea. Pale-yellow, tinged rose. Very vigorous. Flowers large with pointed buds.

Minnie Frances. Tea. Might be called an improved Bon Silene. Very fine deep pink rose; vigorous. Splendid rose for Florida.

Mosella. Polyantha. White, tinged yellow; flowers profusely. A beauty.

President Cleveland. Climbing Tea. A splendid climber; flowers pure white; perfect form.

Reine Marie Henriette. Climbing Tea. An old favorite. Rich rose, center reddish-crimson, or cerise.

Reve d'Or. Noisette. Buff-yellow and saffron. Fine climber.

Safrano. Tea. Saffron and apricot-yellow, large, semi-double. Very beautiful, especially in bud.

Snowflake. Tea. An exceedingly free flowering rose; white; flowers short-lived.

White Maman Cochet. Tea. Pure white. A grand rose.

W. A. Richardson. Noisette. Orange-yellow; small to medium size. Fine climber.

Zelia Pradel. Noisette. Resembles Lamarque but lacks the touch of yellow. Flowers in large bunches.

SPIRAEA Reevesii. Bridal Wreath. Well-known, hardy, deciduous shrub, flowering in the Spring. 1 yr. 15c, \$1.50 per doz.

S. salicifolia. A dense grower; small leaves on willow branches; flowers small and white. Fine for cemeteries. 2 yr. 20c, \$2.00 per doz. Very heavy, 3 yr. 50c.

S. Van Houttei. Resembles Reevesii but has prettier foliage. An exceedingly fine and graceful shrub which should be freely planted all over the U. S. Hardy and very free flowering. 1 yr. 15c, \$1.50 per doz. 3 yr. 25c, \$2.50 per doz.

TESTIMONIALS FROM THE SOUTH.

Cuthbert, Georgia—"The plants arrived in perfect order and were beautifully packed. It is my fault if they do not thrive."
FANNIE C. ALLISON.

San Antonio, Texas—"Your plants came to hand in good shape and have started a good growth. Thanking you for your promptness in shipping,"
A. E. ROLLECK, Gardener.

Omega, Louisiana—"Very, very many thanks for the lovely plants. I do not see how you can send such large ones for the price. They were in fine condition."
MRS. KATE S. GILFOIL.

Baton Rouge, Louisiana—"The plants were received in the best of condition. Many thanks for the extras."
W. W. GRISAMORE, Gardener at La. State University.

Clarksdale, Miss.—"Plants have just been received in fine condition though they were in express office two days by negligence. Everything was as fresh though as I could wish for and I am very much pleased with them."
MRS. T. BROCK WORD.

Bolingbroke, Ga.—"I beg to advise you of the safe arrival of the plants which reached me in good condition. Am very much pleased with them, and proud of the choice extras you kindly included, for which I wish to thank you."
WINSHIP CABANISS.

St. Augustine, Fla.—"The palms reached me in excellent shape and am much pleased with them. Many thanks for prompt attention."
WM. P. GENOVAR.

XII. Tropical and Sub-Tropical Vines and Creepers

Suitable for the greenhouse, living-room, warm offices, the tropics, and the extreme lower South, where slight protection may be necessary. Plants are all pot-grown, with two exceptions, and may be transplanted at any time. All need a wire or other support except the **Ficus**, which clings to any solid object.

ABEUS precatorius. Crab's Eye Vine, or Weather Plant. Delicate pinnate leaves; small flowers in bunches followed by beautiful scarlet and black beans which are highly decorative. 10c, \$1.00 per doz.

Cream-Colored Bean Variety. Something new and rare. 15c.

ALLAMANDA Hendersonii. A splendid climbing shrub with most gorgeous golden flowers 4 to 6 inches across. 25c, \$2.50 per doz.

A. Williamsii. Flowers smaller, sometimes slightly fragrant. 25c, \$2.50 per doz.

ANTIGONON leptopus. The Rosa de Montana of Mexico. A beautiful vine with heart-shaped leaves bearing great racemes of rose-pink flowers for most of the year in Florida. Roots tuberous. A great flowerer for bees. Fine plants 1 yr. 10c, \$1.00 per doz.

A. RISTOLOCHIA elegans. A rather dwarf plant, fine for small screens, etc. Flowers purple, blotched and waved with creamy white. Sometimes called "Dutchman's Pipe Vine." 10c, \$1.00 per doz.

A. floribunda. A tall climber; very vigorous. Long pointed leaves and purplish-red flowers, with yellow centers. 15c, \$1.50 per doz.

A. odoratissima. New to us, but very promising. 10c, \$1.00 per doz.

BIGNONIA argyro-violescens. A very delicate - a p

creeping which permanently attaches itself

to any support. Pointed, evergreen leaves, tinged and veined purple when young. 25c, \$2.50 per doz.

B. venusta (Pyrostegia.) A grand, tropical, trumpet creeper, growing on high trellises or trees up to 70 feet or more, and producing countless tubular flowers of a bright orange-red in winter and spring; sometimes followed by a second crop in June. 25c, \$2.50 per doz.

BOUGAINVILLEA glabra Sanderiana. Paper Flower. A very conspicuous plant with masses of magenta flowers, usually in winter and spring, but showing some bloom most of the year. 35c.

CLERODENDRON Balfouri. Quick growing; of unusual merit: flower bright scarlet, enclosed partly in a bag-like calyx of pure white. The flowers last for many weeks and are produced in quantity. 25c, \$2.50 per doz.

C. delicatum. Like the preceding, except that the calyx is greenish, instead of white, and turns a reddish bronze with age. 15c and 25c.

FICUS villosa. (F. barbata.) A creeper which attaches itself to stone, brick, wood, etc., and makes a dense cover, almost waterproof from the overlapping leaves, which are broad (about an inch across) and evergreen. Lends a rich effect to any building. Very vigorous, and will stand some frost. 15c. each: \$1.50 per doz. Larger 25c.

JACQUEMONTIA pentantha. A charming blue-flowered Morning-Glory native of Florida Keys. Rather delicate vine but very floriferous.

JASMINUM gracillimum. The Graceful Jasmine. Very distinct and graceful habit;

pretty foliage, many clusters of good-sized starry-white flowers, nearly always in bloom. First-class. Very strong plants, 15c and 25c.

J. pubescens. Somewhat similar to gracillimum but larger in plant and with heavier flowers, which are freely produced. Of rapid growth. Strong plants 10c and 25c.

OPERCULINA tuberosa. A tuberous-rooted perennial Morning Glory, having handsome palmate leaves and yellow flowers. 25c.

QUISQUALIS indica. Rangoon Creeper. A large



Antigonon leptopus.

twining shrub of rapid growth, having a profusion of star-shaped flowers in bunches on long stems. The flowers are white in the morning, changing to red before night and have a rich, fruity fragrance. Fine plants 2 yr., 25c; 3 yr., 35c.

SOLANUM jasminoides. Potato Jasmine. Evergreen glossy leaves; white flowers in bunches, borne almost continuously. 15c, \$1.50 per doz.

S. Seaforthianum. A medium-sized, delicate vine with compound leaves and bunches of sky-blue flowers, which are followed by scarlet berries greatly liked by birds. Called in Mexico, "Tomatillo." Fine plants 15c, \$1.50 per doz.; larger 25c, \$2.50 per doz.

S. Wendlandii. A very large vine with coarse pinnate leaves, but most elegant, lilac-blue, sometimes sky-blue, flowers borne in great clusters of 10 to 15 inches across, and lasting well. 25c.

STEPHANOTIS floribunda. A slow-growing vine with broad, simple leaves. Flowers in bunches, pure white, bell-shaped, highly fragrant. 25c.

TECOMA capensis. This has pretty pinnate leaves, and produces constantly an abundance of bright red, showy flowers. 15c and 25c.

T. McKennii-rosea. Similar to preceding but with flowers of a pink or mauve color. 35c.

THUNBERGIA fragrans. A perennial climber with pure white, fragrant flowers about 2 inches across. 15c.

VALLARIS dichotoma. Leaves smooth, dark-green; flowers white. A quick grower with attractive appearance. 25c.

COLLECTION TV. Five splendid vines, our choice, sent postpaid for 50c.

Index at back of this Catalog.

XIII. Hardy and Half-Hardy Vines and Creepers

Such as will stand the winters of the South with little or no injury. All need wire or some kind of support, except **Bigonia crucigera**, **B. Tweediana**, **Euonymus**, and **Hedera**; these cling to any solid support. Those marked **P** are pot-grown, the others in open ground. All may be transplanted at any time, except **Wistarias** and **Bignonia grandiflora**; set these in winter. These exceptions are deciduous; all others evergreen.

BIGNONIA crucigera. (*B. capreolata*.) The **Cross Vine**. A native plant with dark-green foliage, and orange-red flowers. Clings to walls or tree trunks closely 15c.

B. speciosa. **P.** A magnificent vine with glossy, dark leaves and great clusters of large, purplish, trumpet-shaped flowers, blooming here from March to May. A fast grower. 1 yr. old 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.

B. Tweediana. (*B. unguis cati*.) **P.** An elegant vine of delicate appearance, exceptionally fine for covering stone and brick houses—or wooden if you choose—with splendid, bright yellow flowers 2 inches across, in early spring. 10c, \$1.00 per doz.

CLEMATIS paniculata. **P.** A very vigorous creeper, almost smothering itself in bloom in summer. Flowers an inch across, pure white, star-shaped, followed by feathery seed-vessels. 10c, \$1.00 per doz.

EUONYMUS radicans. **P.** This has small green leaves which turn bronze in winter. Clings to any solid support unaided. 15c and 25c.

GELSEMIUM sempervirens. **Carolina Yellow Jessamine.** Winter blooming. Flowers are bell-shaped, pure yellow, fragrant. Strong plants. 15c and 25c.

HEDERA Helix. **P.** True English Ivy. 15c, \$1.50 per doz.

JASMINUM officinale. **P.** (or *J. poeticum*.) **Hardy Jessamine.** Small dark-green leaves; fragrant white flowers of small size in summer. Strong plants 15c and 35c.

LONICERA Halleana. **Hall's Japan Honey-suckle.** A very strong grower with handsome foliage, which turns a pleasing bronze in very cold weather. Fine for covering rocks, the ground or for trellises, etc. The flowers are pure white, changing to creamy yellow, fragrant, and are almost everblooming. 1 yr. 15c, \$1.25 per doz.; 2 yr. 25c, \$2.00 per doz.

PITHECOCTENIUM clematideum. **P.** (Formerly listed as *Bignonia alba*.) A pure white, spring bloomer. Foliage compound, 15c, \$1.50 per doz.; larger, 25c, \$2.50 per doz.

P. muricatum. **P.** Flowers of good size, white and cream-colored, in loose panicles—lovely. A very choice new plant, which flowers in summer. 25c., \$2.50 per doz.

RHYNOSPERMUM. See **Trachelospermum**.

ROSA bracteata. **Macartney Rose.** This is largely used as a hedge or fence plant. Leaves rather small; flowers large, single, pure white; grows on a great variety of soils. Light, 1 year, 15c, \$1.00 per doz., \$6.50 per 100; heavy plants, 25c, \$2.50 per doz.

R. setigera. **Queen of the Prairie.** Flowers a soft pink, medium sized, very double, coming only in May or June. Throws very strong shoots. 1 yr. 15c, \$1.25 per doz.; 2 yr. 25c, \$2.00 per doz.

For other roses see Dept. XI.

SMILAX. Our native evergreen "**Green brier**" or "**Bamboo creeper**." Don't confound the name with the greenhouse vine, *Myrsiphyllum*. This hardy plant is prickly and bears quantities of black or green berries; the cut masses of vines are used in large decorations, being shipped from the South largely. Strong roots 15c, \$1.00 per doz.

TRACHELOS- PERMUM jasmi- noides. (*Rhyn- cospermum jas- minoides*.) **P.** "**Star Jessa- mine**." Small leathery leaves;

flowers, star-shaped, small, pure white, fragrant, in spring. Strong plants 25c, \$2.50 per doz.

T. jas. variegatum. **P.** Foliage variegated, green-white and often pink. Very choice and attractive. 35c.

WISTARIA brachybotrya rubra. A vine of easy growth, with compound leaves and drooping spikes of rich, blue flowers produced all summer freely. Deciduous. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.



Bignonia Tweediana.

COLLECTION HV. Five strong vines, our choice from this section, sent postpaid for 50c.

A TESTIMONIAL FROM THE SOUTH.

Hancock, Maryland—"I received the plants yesterday in fine shape. I am certainly much pleased with everything, and most of all appreciate the prompt service. It was on May 12 when I ordered the plants and I received them on the morning of May 18th; only 6 days, and I felt sure it would take two weeks. I want to thank you for the extra plants," etc.

CHAS. K. STOTLEMEYER.

XIV. Tuberous, Bulbous and Herbaceous Plants

Explanation of the starring system.—* Those of a tropical nature, useful in frostless regions or for bedding out during the summer at the North. ** Those of a semi-tropical nature, standing sharp frosts without serious damage. *** Hardy as far North as the Ohio river (or farther) in the open ground. The best time to set this stock is in winter or early spring, although it would not be fatal to transplant at any time of year.

ALOCASIA macrorhiza. * Plain green leaves of a very stiff appearance, reaching a large size. 25c.

A. macrorhiza variegata. * Leaves variegated with pure white. Rare. 50c.

A. Roezlii. * (Also known as *Caladium marmoratum*.) New. Green leaves with very numerous white blotches all over the surface. The leaves stand up and occasionally collect water, and it has been called "*Neptune's cup*." \$1.00.

See *Xanthosoma* and *Colocasia* for allied plants.

AMARYLLIS. See *Hippeastrum*.

CALADIUM bulbosum. * * **Fancy Caladiums.** Splendid ornamental foliage, dying down through the winter. Leaves arrow-shaped, marked with the brightest colors, red, green, yellow, purplish, and sometimes almost a transparent white. No other plant possesses more richness or delicacy in coloring. Prefers a moist and half-shaded place with rich soil. They are grand house plants and fine for window boxes, etc. Mixed bulbs, without labels 10c. \$1.00 per doz. Named varieties follow:

Alice Fleming. Transparent pink zone along red ribs, followed by a zone of brownish or bronze-green, with a yellowish hue, narrow, green edge. 25c.

Alfred Bleu. Brilliant pink center, green edge, white spots. 20c.

Annibal. Carmine ribs and center, bordered golden-green. 20c.

Angostura. New. Deep transparent rose on a green ground, deep vivid scarlet ribs. Large grower. 30c.

Bahia. New. White; mature leaves entirely suffused with glossy red. A glorious hybrid! 30c.

Bayard Taylor. New. Bright, deep pink ribs, Zone narrow, pink, transparent, bordered by a yellowish-brown zone; narrow green border. 25c.

Belleymer. Long leaf, bluish-green, densely freckled white. 15c.

Bilontra. Green with large, beautiful, transparent violet centers. 20c.

Camamu. New. Glaring red center, creamy-white edge. Very delicate color. 30c.

Ceara. New. Creamy-white ground with a green gloss clouded olive-green, scattered white spots. Very fine and distinct. New color combination. 30c.

Coacoochee. Bright deep pink, changing to a deep metallic green, becoming almost pure white with a green border. Vigorous, fine for bedding. 15c.

Chantinii. Deep red center, bright red midrib and nerves, edge green, colored densely with white spots. Vigorous and beautiful. 20c.

Comtesse de Maille. New. Metallic green lustre, suffused with deep, glowing red, ribs red, edge green, spotted pink. 25c.

Dr. Wilhelm Miller. Red predominates at all times, with a little green, finally the leaves attain a very deep glowing pink color. 20c.

Dona Carmen de Macedo. Transparent rosy-red with conspicuous green mid-rib and veins which are narrowly bordered by a thread like, white stripe. 20c.

Duchess de Mortemart. Grand. Whole leaf glossy, marbled creamy-white and green. A most refined color combination. 20c.

Duc de Ratibor. Shell-like, rather small leaf with edge turned up. Bluish-green with light red mid-rib and many white spots. 15c.

Elsa. Changing from a deep green to a most intense deep pink, densely freckled with crimson. 20c.

Erythraeum. (Formerly Countess of Warwick.) Leaf arrow-shaped, beautiful red center and narrow green edge. 20c.

Geo. Huster. Leaf large and very glossy. Center deep red with broad creamy-white edge which is covered with a mosaic of very deep velvety green spots. 20c.

Gerubea. New. Creamy-white with red spots and a few moss green blotches, crimson ribs. A choice variety. 30c.

Garupa. New. Satiny red center, very rich, ivory-white ribs in form of a star, green border. A strikingly beautiful color pattern. 30c.

Hildegard Nehrling. Broad leaves, white, clouded green with deep red mid rib and main nerves. In half shade almost pure white, in full sun suffused with a beautiful deep pink color. 25c.

Konletti. Deep green ground; white ribs and center, bordered gray; thickly spotted white. 15c.

Herold. Medium green ground, spotted and splashed white; center of leaf gray, ribs deep crimson. 20c.

Itacoatiara. New. A grand and very distinct Caladium with jet black stems and large green leaves, which are suffused with rich pink; chocolate-brown ribs. 30c.

Itauna. New. Yellowish-creamy ground profusely and regularly spotted with deep red. Grand! New color. 30c.

L'Albane. Variable. Silky white center with a pink tinge. 20c.

L'Insolite. New. Fiery red, often suffused with green and yellow; a few deep red spots. Entirely new shade. 25c.



Canna Austria.

Lord Derby. Leaves wavy-edged, mostly a rich pink in color, and very attractive. 20c.

Mme. D'Ombraïn. New. Transparent pink zone along deep red mid and side ribs. Ground color light green, in center yellowish-green, densely dotted white. 25c.

Mrs. E. G. Uihlein. New. Ground color varying from light to deep pink, transparent; ribs and veins green. Very refined. 25c.

Ouro Fino. New. First color entirely yellowish-orange with red ribs; changes into a very fine emerald-green, densely freckled with white. 30c.

Paraguassu. New. White ground; later some transparent very red spots appear and finally the entire leaf is covered with them. Strong grower and very fine. 30c.

Pictum. Rather long, light-green leaf, with a number of creamy-white and a few pure white spots. Attains a height of from 4 to 6 feet in good soil. 15c.

Picturatum. Pointed leaves, green, with red centers and veins. 20c.

Porto Novo. Leaf triangular and somewhat undulated. Light red center bordered by a white zone, edge green. Covered profusely with a number of rather large blackish-red spots. 20c.

P. W. Reasoner. New and not as yet disseminated in the trade. A gigantic grower, reaching 5 feet in height. Immense leaves of a cheerful light-green ground color, profusely spotted snowy-white. Midrib and part of other ribs crimson-brown, a narrow light-green zone along ribs. Very distinct. 35c.

Reine Victoria. Deep metallic, glossy green with blue reflections, densely spotted white, finally almost pure white; now and then a red spot. 15c.

Roncador. Pink and white ground, green ribs and veins. 15c.

Seminole. Large, rounded leaf, green; red center and midrib, large red spots. Fine for massing. Vigorous. 10c.

Tennyson. Glowing deep transparent claret color. Zone suffused with yellowish-brown, blood-red spots on the green border. Magnificent. 30c.

Thomar. New. A very rich pink on a green ground, later almost entirely pink obliterating the green ground entirely. Scattered deep red spots. A magnificent variety. 30c.

Triomphe de l'Exposition. Leaves immense, brilliant red in center, deep-red zone, green border. 20c.

Truce. New. White, with red ribs. The white is often suffused with pink. A gem. 25c.

Venosum. Deep green with metallic and steel-blue reflections. Lobes wanting; sinews whitish; leaf with a narrow red edge and distinct, narrow, white midrib. 15c.

Vesta. Green ground, greenish-white ribs and veins, surrounded by salmon-red, spotted white. 20c.

Wightii. Large, glossy green, with large, pure white and a lesser number of large scarlet spots; fine for massing. Vigorous. 10c.

Cannas * * Splendid broad-leaved plants which give a tropical effect in bedding. One of the finest plants for general planting we know. Suitable for almost any and every place, no matter how limited. Their growth is so easy and flowers so freely produced that we wonder why they are not grown more widely. Rich soil, plenty of water, and a sunny location are essential. After flowering cut out each matured stalk to allow young suckers to come into blossom. Our collection embraces the best sorts, with both green and bronze foliage. All have exceedingly gorgeous flowers. **Strong roots without naming, mixed, all different, 85c per doz. (All started plants after March 1st.)**

America. Bronze foliage; flowers immense, orange-scarlet, flamed crimson; grows about 4½ ft. 10c, \$1.00 per doz.

Austria. The gorgeous, orchid-flowered Canna, a hybrid with Canna flaccida as one parent. Flowers of immense size, 5 or 6 inches across. Golden-yellow. A very beautiful sort of easiest culture. 10c, 85c per doz.

Buttercup. This has green foliage and rich yellow flowers of medium size; grows about 4 ft. 15c, \$1.25 per doz.

Black Beauty. Very dark, rich bronze foliage and splendid deep red flowers. A very fine sort growing 5 ft. tall. 15c, \$1.25 per doz.

Charles Henderson. One of the finest crimson sorts. Rarely grows over 3½ ft. high. Large flowers in compact trusses; very effective. 10c, \$1.00 per doz.

Cinnabar. Cinnabar-red edged golden-yellow. Grows about 4½ ft. high. Fine. 10c, \$1.00 per doz.

David Harum. A new sort, having bronze foliage not too dark; flowers a pleasing orange scarlet. Very attractive. 15c, \$1.50 per doz.

Duke of Marlborough. "The finest of the very deep crimsons, fine individual blooms in large trusses." Foliage green. Grows about 4 feet high. 15c, \$1.50 per doz.

Express. A dwarf sort not over 2½ ft. tall; leaves green; flowers large, of a rich crimson. 15c, \$1.50 per doz.

Frau Marie Nagel. New and very fine. Flowers creamy white, large and freely produced. 20c, \$2.00 per doz.

Italia. Orchid-flowered; of immense size. Gorgeous flowers; golden-yellow, blotched with orange-scarlet in the upper petals; lower petals scarlet, with yellow edge. 10c, 85c per doz.

Louise. This has green foliage and soft rose-pink flowers. Grows up to 4 ft. 10c, \$1.00 per doz.

Maiden Blush. Pink-flowered. A very attractive variety. 10c, \$1.00 per doz.

Marechal Vaillante. Plant medium size, with the richest bronze-red leaves. This has the dark-



The Ginger Lily,—Hedychium.

est foliage we have ever seen in a Canna. The leaves are long and pointed. 15c, \$1.50 per doz.

Mephisto. New. Very dark crimson. Flowers large, well up above the green foliage. 25c, \$2.50 per doz.

Mrs. Kate Gray. Very robust sort, with extra large green leaves; flowers orange-scarlet, overlaid with gold, and measure from 5 to 7 inches across. 10c, \$1.00 per doz.

Pennsylvania. One of the orchid-flowering Cannas with enormous flowers from 5 to 7 inches across, of an intense vermilion scarlet, overlaid with an orange sheen. Foliage green. Plant grows 6 to 8 feet high. 15c, \$1.50 per doz.

Queen Charlotte. Flowers rich scarlet-crimson, broadly banded with canary yellow and scattered dots of red on the yellow. Dwarf. 10c, \$1.00 per doz.

Rubin. Flowers ruby-carmine, very rich and glowing; foliage dark bronze-green. One of the finest new sorts. 20c, \$2.00 per doz.

Shenandoah. Bronze foliage, with pink flowers. Grows about 3½ ft. high. 10c, \$1.00 per doz.

Venus. A very choice variety, delicately colored. The flowers are of medium size, rosy-pink, with a mottled border of light yellow. Grows about 3½ ft. tall. 25c, \$2.50 per doz.

W. E. Cottrell. New. A beautiful dark salmon-pink flower, flecked with crimson. Foliage green, edged bronze. Fine and vigorous. Reaches about 3 ft. in height. 25c, \$2.50 per doz.

William Saunders. New. A truly magnificent bronze-leaved variety, growing about 4 ft. high. The flowers are a gorgeous crimson-scarlet, of great substance and durability. 25c, \$2.50 per doz.

Wyoming. Bronze foliage; immense flowers of a rich reddish-orange color. 15c, \$1.50 per doz.

C. flaccida. Our native **Orchid Canna.** Dwarf habit, with clear, yellow flower 3 to 5 inches across. Light green leaves. 10c, 75c per doz.

COLOCASIA ILLUSTRIS. * (Alocasia illustris.) Closely allied to Alocasia and Xanthosoma. This grows up to from 18 inches to 3 ft. Leaves heavily blotched with velvety black. A splendid plant and fine for massing. 15c, \$1.50 per doz.

CRINUM. * * These magnificent flowering bulbs are closely related to Amaryllis and Pancratium. Evergreen of easy culture; in Florida in the open ground, in the North in the greenhouse. Many of the choice sorts rarely produce new bulbs, and consequently are very high-priced.

C. americanum. A most beautiful plant producing umbels of large white lily-like flowers often six or eight to the spike. A native of the Florida swamps, but, like most of the Crinums, not particular as to soil or situation. 10c, 85c per doz.

C. sp. from Assam. Flowers white, striped with soft pink, about the size of those of C. Kunthianum. Strong. 25c to 50c.

C. erubescens. Has long, drooping leaves, and flowers resembling C. Kirkii. Strong bulbs. 40c.

C. ambriatulum. Nassau, or Milk and Wine Lily. A strong grower, not particular as to soil. Flowers in umbels, large and showy; striped white and carmine; 3 to 4 inches in diameter. Exceedingly choice and desirable as a pot-plant or for bedding out during summer at the North. We offer two sizes. Small bulbs will bloom next year, 5c, 50c per doz.; blooming size, 15c, \$1.25 per doz.

C. hybridum. J. C. Harvey. A fine vigorous hybrid (C. Moorei x C. Kirkii) evergreen, partaking in habit almost equally of both parents; harder than C. Kirkii; adapted as well to tropical conditions as to more temperate climes. Flowers rose-pink, nearly as large as C. Moorei; more drooping in habit; not unlike Amaryllis Belladonna; exceedingly fragrant; very floriferous and of good substance, a single bulb often producing three flower-stalks in one season. \$2.00.

C. Kirkii. The flowers are large, white, with a reddish-purple on the outside of each petal, which, showing through, gives the flower a pink tinge on the inside; some ten or fifteen of these flowers are produced at the top of a tall purple spike, and there are frequently two or more spikes of bloom from the bulb during the season. In addition, the foliage is very handsome, the numerous wavy-edged leaves forming a perfect rosette. Fine large bulbs 15c, 25c and 35c.

C. Kirkii x capense. A hybrid, with flowers the size of Kirkii, of a delicate light color—pale-pink and white. 35c.

C. Kunthianum. Vigorous growing and abundant bloomer from New Granada. This is a grand species, with splendid flowers, dull white, tinged with rosy-red. 20c to 35c.

C. virginicum. A choice hybrid originated in England; flowers very large and widely opened, white and rosy-pink. 25c to 50c.

CURCUMA petiolata. * * **Queen Lily.** A choice plant with broad leaves like a canna, but strongly veined and arched. Flowers in large, torch-like bunches, white, tinted pink, which last for weeks. 20c, \$2.00 per doz.

GLORIOSA superba. * * A gorgeous, lily-like plant, growing 4 to 5 feet high and bearing quantities of deep orange and yellow flowers during the summer. It blooms for months, during July to October 15, and is a first-class ornament for screens. It requires slight training. Tubers, 20c, \$2.00 per doz.

G. virescens. * * This has similar color to above, but petals are not wavy. Very vigorous, but is not so pronounced a climber as the preceding, and blooms considerably earlier during the summer. 20c, \$2.00 per doz.

HEDYCHUM coronarium. * * **Ginger Lily.** **Butterfly Lily.** This magnificent plant flourishes best on low, moist land, where it will form a dense clump 3 to 6 feet high. The roots are tuberous, and the plant may be safely grown over the entire South. The masses of fragrant, pure white flowers, looking much like large white butterflies, are borne in large clusters, terminal on every stalk. If kept in the house in a growing state, it blooms continuously. 10c, 85c per doz.; larger plants may better be sent by express than by mail.

HEMEROCALLIS flava. * * * **Yellow Day Lily.** This flowers early and is a splendid plant for the South. Flowers are about 5 inches across, clear yellow and on long stems, above the foliage. 25c.

H. fulva. * * * (H. Kwanso.) **Tawny Day Lily.** Flowers later than the preceding; blooms about 4 inches across, orange-yellow. 15c.

H. fulva fl. pl. * * * **Double flowered Day Lily.** Bright orange-yellow flowers, quite double, freely produced. This is a valuable, hardy border plant; will grow anywhere. 15c, \$1.50 per doz.

HIPPEASTRUM equestre. * * (Amaryllis.) Flowers large, bright red; of easy growth. 15c, \$1.50 per doz.

H. Nehrling's Hybrids. * * Exceptionally elegant flowers, scarlet, crimson, pink, white, striped, etc., and very often fragrant. They are something grand! Bloom in spring only. Fine for pots and boxes. Flowering size, 75c, \$7.50 per doz.

HYMENOCALLIS caribbaeum. * * (Pancratium caribbaeum.) The **Spider Lily**, or **Spanish Lily.** A bulb of easiest culture, producing large clusters, a few plants giving a succession of bloom all summer. Color, pure white. 10c, 85c per doz.; very large, 15c to 25c.

H. ovatum. Foliage very broad, but short. Flowers large and fragrant. \$2.00.

IRIS hexagona. * * * **Blue Flag.** Evergreen. A hardy southern variety of the greatest possible beauty. The loveliest flowers of the whole South. Rich purple and blue with yellow markings; 3 to 4 inches across; resembles the costliest and rarest orchid flowers. Blooms in spring. 10c, \$1.00 per doz.

I. hexagona alba. * * * A very rare form of the common Flag, with pure white flowers. 25c.

KAEMPFERIA Gilberti. * * Leaves like a Cardamon, sometimes variegated; flowers on ornamental crimson heads, lasting all summer. 25c.

MOFAEA iridioides. * * "Natal lily." An iris-like plant, succeeding here perfectly. Has beautiful white flowers, touched with yellow and purple. 25c.

PANCRATIUM. See Hymenocallis.

REINECKIA carnea. * * A tufted plant with creeping root-stalk, grassy leaves and rose-colored, fragrant flowers; from China. A useful plant for small borders. 10c, \$1.00 per doz.

RICHARDIA africana. * * (Zantedeschia aethiopica.) **Calla Lily.** A good, old-fashioned plant, always popular. From August to November we can supply dry bulbs at 10c and 15c, which will flower winter and spring. Later these plants are 25c.

XANTHOSOMA bataviensis. * The Xanthosomas are similar to Caladiums and Alocasias, having great, arrow-shaped leaves, and many with edible tubers. This species has purple stems and dark-green leaves. 15c, \$1.50 per doz.; large, 25c, \$2.50 per doz.

X. maculatum. (Formerly listed as *Alocasia alba aureo-maculata*.) * New. The immense pale green leaves are variegated with creamy yellow, and the leaf stem tinted violet, also variegated. Very striking. 25c, \$2.50 per doz.

X. Marshalli. * (Sometimes called *X. "Emerald."*) Very quick-growing, of medium size. Green leaves and dark stems; an especially good bedder for all parts of the States, having warm summers.

Collection B. R. Five plants, our selection, labeled, sent postpaid for 40c.

Collection B. R. I. Ten plants, our selection, sent postpaid, and labeled, for 75c.

Quite different from the common "Elephant Ears" so often seen, and being of easy growth cannot fail to give satisfaction. Strong tubers (started after March 1st), 10c, 85c per doz.

X. sagittifolium. * This has been grown in Florida for years—possibly by the Seminoles,—and the tubers are excellent for culinary purposes. Leaves light-green; plant vigorous. A very beautiful bedding plant. 10c, \$1.00 per doz.; larger 15c, \$1.50 per doz.

X. violaceum. * (*X. javanica*.) A grand species, of large size, with deep, bluish-green foliage and very dark stems. A superb decorative subject; evergreen habit. 25c, \$2.50 per doz.

XV. Tropical Shade Trees

Suitable only for frostless regions, or for growth in large conservatories. A few are used as decorative pot-plants when small, as *Ficus*, *Grevillea*, *Jacaranda*, and others. There are also some fruit and economic trees suitable for shade; note especially *Calocarpum*, *Mammea americana*, *Mangifera indica*, *Nephelium longanum*, *Persea gratissima*, *Spondias dulcis*, *Tamarindus indica*, in Dept. I. *Adenanthra*, *Aleurites*, *Caesalpinia sappan*, *Calophyllum*, *Cedrela*, *Eriodendron*, *Hymenaea*, *Parium*, *Pithecolobium*, *Sapindus*, etc in Dept. III. These are all pot-grown, except *Stereospermum suaveolens* and may be transplanted at any time of year.

ALBIZZIA Lebbek. Woman's Tongue Tree. A handsome pinnate leaved shade tree from Jamaica. Does well here; of quick growth. Resembles the Royal Poinciana, but leaves are not so finely cut. 35c to \$1.00.

A. fastigiata. A new species from Africa, with very handsome leaves. \$1.50.

ANDIRA inermis. The Cabbage Tree. Foliage compound, evergreen; flowers in huge racemes. lilac-like, with a peculiar smell. Rare. 50c and \$2.00.

BIGNONIA species. The "Candle Tree." 50c.

B. adenophylla. Very rare. \$1.00.

BISCHOFIA trifoliata. (*B. javanica*.) An East Indian tree, growing freely in our sandy soil. The foliage is of a bronze-green, distinct and handsome; compound. 25c, \$2.50 per doz.

BOMBAX malabaricum. The Malabar Ceiba Tree. An enormous tree of quick growth; very susceptible to cold. 50c.

BRACHYCHITON acerifolium. Leaves 5 to 7-lobed; flowers bright red. Fine for street planting. 50c.

B. fulgens. Sterculia, or Firmiana fulgens.) \$1.00.

CAROLINEA princeps. A large tree of quick growth from South and Central America. Leaves shining green, palmate; flowers pink and white, of large size. Fine young trees. 35c, \$3.50 per doz.

CASTANOSPERMUM australe. The Moreton Bay Chestnut, from Australia. Has immense compound leaves; is of rapid growth, and handsome. 75c.

DELONIX REGIA. (*Poinciana*.) The Royal Poinciana. This is a beautiful, deciduous, tropical tree, bearing quantities of brilliant scarlet flowers in the spring.

The leaves are large, decompose, and a pleasing green. Of very rapid growth. Gives a striking, tropical effect. 12 to 18 inches high, 15c, \$1.50 per doz.; 2 to 3 feet, 25c, \$2.50 per doz.; 3 to 4 feet, 35c, \$3.50 per doz.

EUCALYPTUS. See Dept. III. Note our new picture of *E. robusta*, taken here the past summer.

FICUS altissima. New. From India. This is a large-sized tree, which does well in extreme South Florida outdoors.

The beautiful leaves are oblong and beautifully veined. It resembles the new *F. pandurata*. Splendid plants 40c, 60c and \$1.00.

F. Benjamini. Newly introduced by us from Australia. It is used as a street tree in Brisbane and is a beautiful species, small-leaved, of a drooping habit. \$1.00.

F. Cunninghamii. A new species, lately introduced. This and *F. infectoria* are specially recommended as shade trees for extreme South Florida. 25c; larger, 5 to 7 ft., \$1.00.

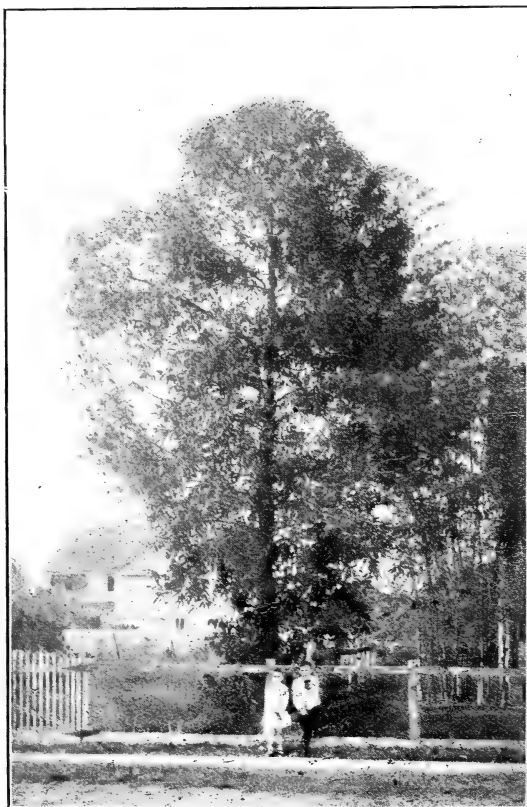
F. elastica. India Rubber Tree. See Department III.

F. infectoria. From India. One of the finest shade trees, with long, glossy leaves. Will do well in extreme South Florida outdoors. Trees in several sizes. 1 ft. 25c; 3 ft. 50c, 5 to 7 ft. \$1.25.

F. macrophylla. Moreton Bay Fig Tree, from Australia. Resembles *F. elastica*, slightly; but has pointed leaves and yellow sheaths and petioles. A splendid species. Fine plants. 2 ft. 50c; 3 ft. 75c; 4 ft. \$1.00.

GLIRICIDIA maculata. New. 50c.

G. platycarpa. From Cuba. A tree of about 20 to 25 ft. in height; has lovely pink flowers. 50c.



Eucalyptus robusta, Growing on Poor Pine Land.

GREVILLEA robusta. Australian Silk Oak. A splendid fern-leaved tree, growing 120 feet in height. Evergreen, and especially adapted as a shade tree for South Florida and South California, as it is as hardy as an orange tree. Also used in decorating apartments, etc. Makes a magnificent pot-plant. (Note that we use this for our cover design this year. The picture in the oval frame is of a specimen near our greenhouses, only about 17 years old.) Strong plants 10c, \$1.00 per doz.; larger (about 12 to 18 inches high) 15c, \$1.50 per doz.; 3 to 4 ft., \$35c, \$3.50 per doz.; 4 to 5 ft., 50c, \$5.00 per doz.; 5 to 6 ft., 75c.

HERNANDIA sonora. "Jack-in-a-Box" Tree from India. Broad evergreen leaves; flowers whitish-green. Newly introduced. 75c.

HURA crepitans. The Sand Box Tree, of the West Indies. A medium-sized tree reaching about 40 feet, with poplar-like leaves and large, curious seed vessels, which, when ripe, burst with a loud noise, scattering seeds in all directions. 2 to 3 ft. 30c, \$3.00 per doz.; 3 to 4 ft. 40c, \$4.00 per doz.; 4 to 5 feet, 50c, \$5.00 per doz.

JACARANDA mimosaeifolia. A splendid tree with large, decomposed, fern-like leaves, allied to *Caesalpinia*. Large plants, 50c.

LONCHOCARPUS sp. Cuba. A tree with large compound leaves; evergreen. Fine stock, 4 to 6 ft. high, 50c, \$5.00 per doz.

POINCIANA regia. See *Delonix*.

PRUNUS sclerocarpa. (Incorrectly listed previously, as *Spondias sclerocarpa*.) A dense-growing tree with very small pointed leaves differing

from anything we have seen. From India. Very stocky, large plants 75c and \$1.00.

SABACA indica. A small tree, with compound leaves; flowers brilliant scarlet, and very attractive in spring. \$1.00.

SCHIZOLOBIUM excelsum. A tall, magnificent foliage tree from Brazil. The stem shoots up straight like a palm, with enormous pinnate leaves (like a gigantic Royal Poinciana), often 6 or 8 feet long. In the young state the tree does not readily branch. Strong, 50c and \$1.00.

STERCULIA alata. New. From India. Large, pointed cordate leaves of striking beauty. This quickly reaches maturity, forming a large, fine shade tree for frostless places. Evergreen, 4 feet, 50c; 6 to 7 feet, 75c.

S. foetida. A rare East Indian species. \$1.00.

STEREOSPERMUM suaveolens. (*Bignonia suaveolens*.) A tree with immense, spreading, compound leaves, and dull crimson, very fragrant flowers. 50c.

STRYPHNODENDRON guianensis. A leguminous tree of small size from South America. Branches pendulous, sometimes of a twining habit. 50c.

THESPIA populnea. Commonly called "Poplar" in Cuba. A small to medium-sized tree of quick growth. Fine. 25c and 35c.

TRICHILIA spondioides. Butterwood Tree. Leaves pinnate; flowers greenish-yellow. A small-sized tree of tropical America. 2 feet, 75c.

TRIPLARIS Americana. 2 yr., 50c; 7 to 9 feet, \$1.00.

COLLECTION TT. Five trees, our selection, will be sent, postpaid, all labeled, for \$1.00.

TESTIMONIALS FROM FOREIGN CUSTOMERS.

Quila, Sinaloa, Mexico—"Plants have just been received in good condition. Please send me," etc. MIGUEL S. DIAZ.

St. George, Bermuda—"The case of plants forwarded by you 26th April was received on the 23rd May. I was more than surprised at the fine condition they were in; I give you great credit for your packing, which was done in an excellent way. Accept thanks. I will send order for shade trees, etc. R. R. SWAINSON

Lima, Peru—"I received in good condition the two parcels containing plants," etc. J. AUGUSTE BARRIOS.

Montego Bay, Jamaica—"The plants received were in good form and seem to be doing well. H. M. DOUBLEDAY.

Frontera, Tabasco, Mexico—"The plants arrived in good order and appear to be doing well. I enclose order," etc. A. J. LESPINASSE (American Consul.)

New York City—"The two shipments of plants arrived in Bermuda O. K., and all are doing well." D. S. DARK.

XVI. Hardy and Half-Hardy Shade Tree

For Florida, California and the lower South. The following list may be used as shade trees also: *Hicoria pecan*, see Department II; *Cinnamomum camphora*, *C. cassia*, and *Sapindus Mukrossi*, in Dept. III. Most of the stock in this Dept. is grown in the open ground and should be transplanted during the winter. A few pot-grown plants, see those marked P, may be set out at any time.

CELTIS Bentharii. 12 to 18 inches high, 15c, \$1.50 per doz.; 18 to 30 inches high, 25c, \$2.50 per doz.

C. occidentalis. Our hardy Hackberry Tree. Excellent for avenue planting. A fine shade tree, having a very dense, round top. Light, 2 yr. old 15c, \$1.50 per doz.; 2 to 3 feet, 25c, \$2.50 per doz.; 4 to 6 feet, 50c, \$5.00 per doz.; 8 to 10 feet, 75c, \$7.50 per doz.

C. orientalis. A small evergreen tree with leaves rough above and silvery pubescent beneath, and bearing small round black berries. 12 to 18 inches high, 15c, \$1.50 per doz.; 18 to 24 inches high 25c, \$2.50 per doz.; 2 to 3 ft., 35c.

GORDONIA lasianthus. Loblolly Bay. A native tree which should be more cultivated. A handsome, evergreen tree, with lovely, snow-white flowers, 3 inches in diameter, produced all summer. Will bloom when very small. Hardy as far north as Virginia, perhaps farther. 25c, \$2.50 per doz.; large trees, 50c to \$1.00.

ILEX Dahoon. Dahoon Holly of the Southern States. One of the most valuable broad-leaved evergreens. Leaves richest glossy green; tree covered with bright, shining red berries in fall or winter. 15c, \$1.50 per doz.; larger, 25c.

L. opaca. The Southern Holly. Leaves prickly; berries scarlet, and always in demand for Christmas decorations. Small, 2 yr., 25c, \$2.50 per doz.

LIQUIDAMBAR styraciflua. Sweet-Gum Tree. Hardy throughout the South. Naturally grows in a swamp, but thrives on high land as well. A splendid tree for street planting. Leaves handsome; maple-shaped, deciduous. 3 to 4 feet, 25c; 15 to 17 feet, \$1.50; 17 to 20 feet, \$2.00.

MAGNOLIA grandiflora. (Some P.) The Magnolia. The most magnificent of all our Southern broad-leaved evergreens. Flowers six inches across, pure white, waxy, and lemon-scented. Pot-grown plants 35c and 50c. From open ground, from 1 to 1½ ft., 25c; 2 to 3 ft., 50c; 3 to 4 ft., 75c; 4 to 5 ft., \$1.00; 6 ft., \$1.50.

MELIA Azedarach, var. *umbra culiformis*. **Umbrella China Tree.** A more shapely form of the old Indian species, widely advertised under the name of Texas Umbrella Tree, etc. One of our very best, hardy, deciduous trees; leaves very rich green, and hanging on later than the old China tree. Shade dense; form of tree an almost perfect umbrella. 1 to 2 ft. 10c, \$1.00 per doz.; 2 to 3 ft. 15c, \$1.50 per doz.; 3 to 4 ft. 20c, \$2.00 per doz.; 4 to 5 ft. 25c, \$2.50 per doz.; 6 ft. 50c, \$5.00 per doz.

PARKINSONIA aculeata. **P. Red Bay or Sweet Bay.** A handsome native broad-leaved evergreen. Wood very valuable for cabinet work, etc. 25c, \$2.50 per doz. Large trees, 8 to 10 ft., \$1.00.

PERSEA carolinensis. **P. Red Bay or Sweet Bay.** A handsome native broad-leaved evergreen. Wood very valuable for cabinet work, etc. 25c, \$2.50 per doz. Large trees, 8 to 10 ft., \$1.00.

PLATANUS occidentalis. **Plane Tree, or Sycamore.** An immense American tree of quick growth and deciduous habit. Does well generally in the South and has few insect enemies. Fine trees, 3 to 4 feet high, 25c, \$2.50 per doz.; 5 to 7 feet 40c, \$4.00 per doz.; 15 to 18 feet, \$1.25, \$12.00 per doz.; 18 to 20 feet, \$1.50.

POPULUS deltoides. **Carolina Poplar.** A

COLLECTION HT. Five small trees from this section will be sent postpaid (our choice, all labeled) for \$1.00; or larger, by express or freight, at same price.



Flowers of *Vitex Agnus-castus*.

bles a poplar in foliage, which turns vivid colors in autumn. Seeds are coated with a kind of vegetable tallow. Pot-grown, 25c and 35c. From open ground, fine, clean stock, 1 to 2 ft. 15c, \$1.50 per doz.; 2 to 3 ft. 20c, \$2.00 per doz.; 3 to 4 ft. 25c, \$2.50 per doz.

VITEX Agnus-castus. **Chaste Tree.** A low-growing tree, with palmate leaves, scented like lavender. Flowers blue, in pretty spikes. A fine, hardy, desirable tree. 2 to 3 ft. 25c, \$2.50 per doz.; 3 to 4 ft. 35c, \$3.50 per doz.; 4 to 6 ft. 50c, \$5.00 per doz.

cabinet work, straight, upright tree with pyramidal crown. Very vigorous and in favor as a street tree, as it forms a fine-sized specimen in three to five years; deciduous. 5 to 7 ft. 40c, \$4.00 per doz.

QUERCUS coccinea. **Scarlet Oak.** A splendid tree for street planting; leaves large, deeply cut like the Black Jack, or White Oak, turning richest red in autumn. Deciduous. 2 to 4 ft. 40c, \$4.00 per doz.; 5 to 7 ft. 75c, \$7.50 per doz.

Q. nigra aquatica. **Our evergreen Water Oak,** largely used in Florida as a street tree. Quick-growing and vigorous. Fine trees, nursery-grown. 1 yr. 15c, \$1.50 per doz.; 2 yr., 2 to 4 ft. 25c, \$2.50 per doz.; 4 to 6 ft. 35c, \$3.50 per doz.; 6 to 8 ft. 50c, \$5.00 per doz. 16 to 20 ft., \$2.50 to \$3.50.

SAPIUM sebiferum. **F. (Excaecaria sebifera.)** **Chines Tall Tree.** Resem-

XVII. Succulents and Epiphytes

Mostly tropical; suitable for the greenhouse, living room, offices, the tropics and warm coast regions of the United States. These may be transplanted at any time of year safely.

AGAVE. The Agaves, or **Century Plants**, are among the most valuable and striking plants that can be used in semi-tropical gardening. Many of them are useful as hedge plants, and the genus contains several of the most valuable fibre plants of commerce. They are all of great decorative value. The first three sorts named will stand considerable frost.

A. americana variegata. Leaves beautifully striped with cream color. A splendid ornamental. 25c and 35c. Specimens priced on application.

A. neglecta. Rich, blue-green leaves, wide and gracefully recurved. The handsomest large sort in our collection. A magnificent plant, beautiful in all sizes, and surpassingly fine for all dec-

orative purposes. Fine plants, with beautiful leaves, 15c, 25c, 50c to \$3.00.

A. decipiens. A native plant with dark-green leaves, furnished with spines along the edges, forming a good-sized plant ultimately 2 to 4 feet high; flower spike 12 to 18 feet high. Very decorative. Fine plants, 15c, \$1.50 per doz.

A. Sisalana. See Economic Plants, Dept. III.

A few rare unnamed species, 25c to \$1.00.

ALOE fruticosa. A very ornamental plant with sharply-serrated leaves. Flowers bright-yellow on a spike 2 ft. or more tall. Makes a clump of great decorative value. Beautiful plants, 20c, 35c and 50c.

Aloe sp. "Partridge Breast" aloe. 35c.

BROMELIA pinguin. Has the appearance of a large Pandanus, with deeply serrated leaves, and crimson center when mature. 50c and \$1.00.

BEYOPHYLLUM pinnatum. (B. calycinum.) An odd and rapid-growing succulent. Flowers green and reddish bronze, in form of bladders. One of those strange plants that are propagated from leaves. Extremely curious. The leaves may be pinned on the wall, and will throw out sprouts from every notch without watering. 10c, \$1.00 per doz.

CEREUS grandiflorus. The **Night-Blooming Cereus.** Cylindrical or 8-sided succulent growths without true foliage; flowers white, about 5 to 8 inches across. Will climb on tree trunks or any support. 15c and 25c.

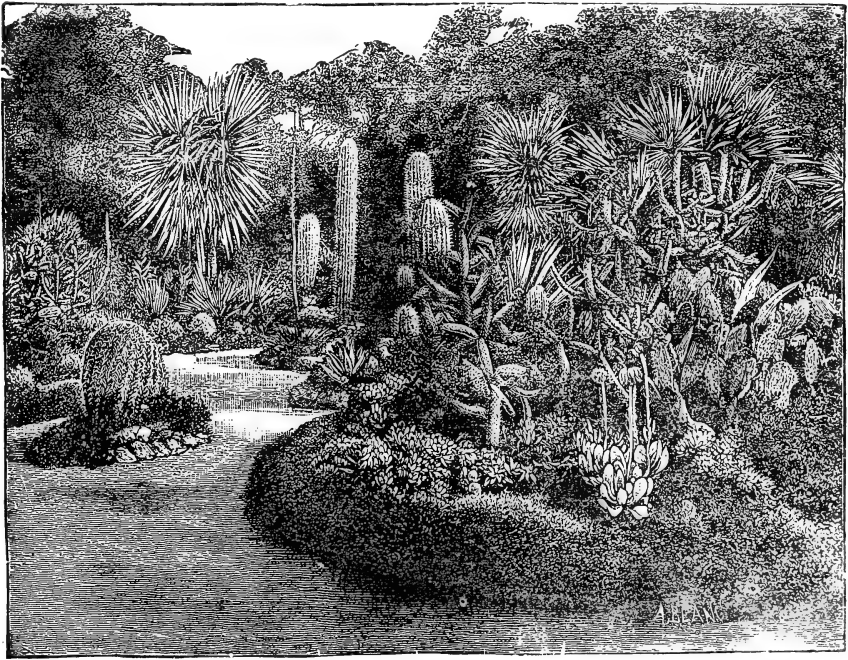
C. triangularis. This is also a night-blooming cereus, resembling the preceding, sometimes called **Strawberry Pear**, from the handsome fruit. Stems 3-sided. Flowers very fragrant from 6 to 8 inches across. 15c and 25c.

FURCRAEA. The Furcraeas are very desirable plants for the center of large tubs and pots of plants, for room, hall or outdoor summer decoration North. Will make a splendid specimen planted out in South Florida. They very much resemble some species of agaves, though the leaves are generally more upright-growing. Also highly recommended as fibre plants. Magnificent when in bloom, the flower-spike reaching a height of 20 to 30 feet, with thousands of yucca-like whitish flowers.

F. Beddinghausii. 35c.

F. foetida-gigantea. This is an immense plant with serrated leaves, the flower-spike reaching a height of 40 feet. Very beautiful at all stages. The leaves produce a valuable fibre. Strong plants, 15c, \$1.50 per doz.; larger, 25c, \$2.50 per doz.

F. Lindenii. A splendid, variegated species of peculiarly elegant appearance. The broad stripes of white show off very clearly. Rare new plant



A Garden of Succulents.

DASYLIRION serratifolium. A yucca-like plant from Northern Mexico. Fine plant, growing 3 feet high. Leaves narrow, armed. Large, 75c to \$2.00. Smaller plants 35c and 50c.

DYCKIA brevifolia. A dwarf succulent plant, looking like a small agave, with many short, spiny leaves. Rare. From Brazil. Fine plants, 75c.

EPIDENDRUM tampense. A very pretty native orchid, growing on the bark of oaks, etc. Is called **Butterfly Orchid**. Neat spikes of flowers in spring; pink, chocolate and green, lasting a long time in perfection. 15c, 25c and 50c.

EPIPHYLLUM truncatum. **Crab-claw Cactus.** A fine house plant, the succulent growths falling downward over the sides of pot or hanging-basket. Flowers come in midwinter and are very freely produced, of a rich deep pink. Nice plants, 15c and 25c.

EUPHORBIA splendens. Sometimes called **Crown of Thorns.** A low grower, having long, bronze stems, many spines, and brilliant, deep scarlet flowers, blooming all the year. Will thrive in an exposed, sunny, dry situation. 15c, \$1.50 per doz.; larger, 25c.

of recent acquisition, valuable as a house plant. Beautiful plants, 50c, 75c and \$1.00.

F. tuberosa. Leaves longer and narrower than the preceding, spineless. A great many leaves to each plant. Strong plants 50c.

OPUNTIA leucotricha. Upright, almost tree-like, with long, white spines on the leaves; flowers yellow. 25c.

O. vulgaris. The **Common Prickly Pear.** Hardy well up into the Middle States. A low-growing, very spiny species, with most gorgeous flowers of a bright-yellow color, three inches across. 10c, \$1.00 per doz.

For other Opuntias, see Dept. II.

PEDILANTHUS tithymaloides. "**Red Bird Cactus.**" A West Indian plant, with thick fleshy leaves and small, red, showy flowers. Not a true cactus at all, but an Euphorbiad. Very curious plant of easy growth. Admirable as a border plant in frostless locations, especially where the soil is dry, as it grows almost as well in dry soil as damp. Fine plants, 10c, \$1.00 per doz.; large plants, 20c, \$2.00 per doz.

PERESKIA aculeata. The **Lemon Vine**, or **Barbados Gooseberry**. A climbing cactus with true leaves and producing edible fruit. Stems fleshy, with spines at the base of each leaf. Very fast growing; much used as a stock upon which to graft epiphyllums and other low-growing cacti. Flowers borne periodically in immense numbers; $1\frac{1}{2}$ inches wide, of a creamy white, with a green tint. 10c, \$1.00 per doz. Large standard stocks for grafting, pot-grown, 20c, \$2.00 per doz.

P. Bleo. A larger, stouter shrubby plant than the preceding; spiny, with leaves often 5 inches long. The flowers are a soft pink-purple, very showy, from $1\frac{1}{2}$ to 2 inches across. The fruit pear-shaped, 2 inches long. One of our late importations. 15c and 25c.

P. species. New. This resembles somewhat the Lemon Vine, but is dwarf and much more delicate. Flowers greenish-white about an inch across. 20c, \$2.00 per doz.

PHYLLOCACTUS latifrons. Erroneously sometimes called "Night-blooming Cereus;" properly the "**Queen Cactus**." The largest of the genus, growing 8 to 10 feet high; the stems 4 or 5 inches broad, and flat. Flowers are a fine creamy-white, with a reddish tube, produced at night. 25c.

PITCAIRNIA Karwinskiana. This resembles a *Bromelia* or *Tillandsia*, with leaves up to 2 feet long. Flowers red, small, in dense racemes. Fine plants, 25c and 50c.

P. xanthocalyx. \$1.00.

STAPELIA foetida. Toad Cactus. 25c.

S. gigantea. Giant Toad Cactus. 25c.

TILLANDSIA. Air Plant, or Wild Pine. A very large genus of ornamental plants of the easiest culture, requiring only to be attached to a block of wood and to be watered with the other plants. Tie with wire on rough bark; the plants hold water in their leaves. We list only native Florida species.

T. bracteata. One of the largest **Wild Pines**, or **Air Plants**. Full-grown plants are 1 and 2 feet in diameter and height, spikes often 18 inches or more in length; the large, brilliant, crimson bracts and flower-stalks and purple blossoms are very showy, and remain beautiful for weeks. A most valuable plant for conservatory or bay window, enduring a low temperature (though but little frost), requiring no care except an occasional watering. Attach to wood or hang in a small wire basket. 15c and 25c.

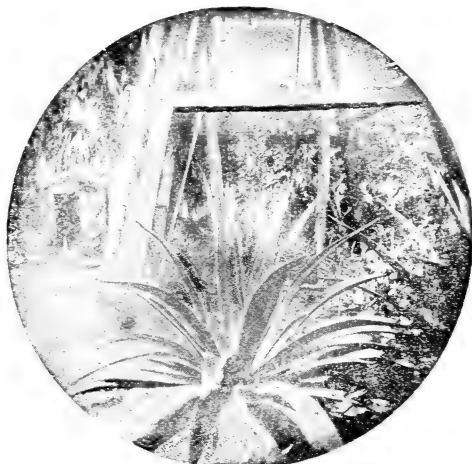
T. caespitosa. A species with long, grass-like leaves varying in color from gray to red; usually found in moist places. 10c.

T. usneoides. * The **Long Moss**, **Gray Moss** or **Spanish Moss** of the South. Very effective in decorations. The effect of this moss hanging on the trees of the South is indescribable. The only species which will stand sharp freezing unharmed. A nice quantity for 10c.; per pound, 25c postpaid.

COLLECTION S. Five plants our choice, all labeled, sent postpaid for 50c.

T. utriculata. The largest native species. Leaves an inch or two in width, and 2 feet or more in length in full-grown plants. Stems very tall, 3 to 5 feet, branched and many-flowered, but not so showy as *T. bracteata*. A very rapid grower. Is easily established on a piece of wood, bark, or in a wire basket. Fine plants, 10c; larger, 25c to 50c.

VRESIA species. A broad-leaved air-plant allied to *Tillandsia*. The leaves are thin and light-green; spikes and flowers brilliant scarlet, the individual flowers tipped with light blue. \$1.00.



Agave neglecta.

YUCCA aloifolia. **Spanish Bayonet**; **Spanish Dagger**. Seacoast of Southern States and West Indies. Probably not hardy north of middle Georgia. Flowers resemble those of *Y. filamentosa*, but are borne on a shorter stalk. Stem arborescent, sometimes 10 to 20 feet high. Very ornamental, even when small. Will bear much neglect. 15c, 25c, 50c and \$1.00.

Y. aloifolia variegata. Similar to above but the leaves are beautifully striped with white. Fine plants, 50c to \$2.00.

Y. filamentosa. The **Bear-Grass**. Our variety is a giant sort, much better than the common strain, and worthy of being extensively planted. The white flowers are borne aloft on tall stalks and are very attractive and graceful. Strong, transplanted stock 15c, \$1.50 per doz. Heavier plants 25c, \$2.50 per doz.

Y. gloriosa. More stocky, and with heavier, broader leaves than *Y. aloifolia*. 50c.

Bartle, Oriente, Cuba—"Plants arrived in good condition. Thank you so much for gratis stock."

H. BABB.

Coatzacoalcas, Ver, Mexico—"I have received all the plants in the best condition. Thanks for the tree plants sent."

IGNACIO VELA

Ensenada de Mora, Oriente, Cuba—"The plants have arrived in good shape and, as usual, have been entirely satisfactory. Thanking you for your care and promptness in filling my order," etc.

ALFRED C. HARRISON, JR.

Habana, Cuba—"Plants arrived in fine condition and I am well pleased. Thanks."

R. G. MENDOZA.

Harvard Botanical Experiment Station, Belmonte, Sta. Clara, Cuba—"I received the collection of plants by mail. They were well packed and arrived in the best possible condition."

ROBERT M. GREY.

Galt, Ont., Canada—"I never saw finer plants and am much pleased with them. Please send," etc.

MRS. JAMES RORD.

La Gloria, Cuba—"I am very much pleased with the three different lots already received 'this Fall. Send,'" etc.

CARLOS A. WARD.

Santiago de las Vegas, Cuba—"The box of plants came in good condition and I wish to thank you for the care exercised in packing," etc.

H. A. VAN HERMANN, Mgr. Finca "Mulgoba."

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